TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for weak ended 21st May 1887, on 221 miles open.

Action of the Control	Coacutae	TRAFFIC.	MARCHARDIES. TEAT	AND MINKEAL	Other carnings	Total	TRAPPIC	TRAIN-MILI	SI RUN.
	Number of passengers.	Recaipts.	Weight carried.	Receipts,	(estimated).	earnings.	Conching.	Merchan-	Potal.
		SH. A. P.	Mds. s.	168, A. F.	Ks. A. P.	Rs. A. P.			
Or privile of railway For provide 19 works of built.	16,830	6,497 14 B 198 1 9	7,540 20	201 5 0 13 1 3	7 0 0	4,705 14 0 211 8 0	Dil	67	903
April bioxings as and any	591,837	1,04,287 11 .0.	1,61,059 10	6,608 [1 B	124 2 2	1,00,020 13 0	18,085	841	18,930
Total for 20 weeks	408,207	1,09,000 9 0	1,68,500 30	5,7m 11 a	131 7 10	1,14,026 11 9	18,006	825	10,801
Total for corresponding week of previous year	18,727	6,996 13 1	6.835 30	319 15 0	7 8 0	B,034 6 1	DIS	5.5	1959
ing week of previous your	141414	210 8 6	949.354	14 0 1	0 B 5	235 4 0	Annata	THERE	Politica
ratal to curresponding date of	418,4604	1,11,406 12 11	2.21,708 30	7,635 11 0	137 3 6	1,19,178 11 4	20,400	2,420	21,832

approximate Statement of gross receipts of the Turkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Kailway, duted 23rd July 1883.

PRODUCTION OF WEEK ENDING PRODUCT STATE MAY 1867.						MAY 1886.		TOTA	L RECEIPTS FRO PRIC 1987 TO 214 MAY 1887.	T81 M	Total	Tota)	
Mean sileans rorkoil.	Recoipte.	Recoips. Per Mean milesge Recoips Recoips	Receipts.		Meen billenge worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total requipts.	for to the worked.	lary.	decresse is	
	Ra.	Rs.		Ma.	Ra,		Ra.	Rs.		Re.	Ru.	$R_{\mathcal{B}_{\mathbf{c}}}$	Ha.
(File	5,234	235	221	4,760	212	894	48,875	2,107	101	43,007	1,981	Course	2,803

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 2.st May 1887, on 42 miles open.

	COACHING	THAPPIC.	MERCHANDISE A		Other earnings	Total earnings.	TRAPFI	TRAIS MIL	ES RUK.
	Mampar of	Recoipts.	Weight carried.	Roompts.	(estimated).	TOTAL CALL HARM	Coaching	Morehan-	Total.
		Ra. A. P.	Mos. a.	Re. A. P.	Re a. P.	Rs. A. P.	1		
erst traffic for the weak r per mile of milway or previous 18 weeks of half-	8,687	1,471 7 6 80 0 7	82,050 20	9,180 1 0 50 14 10	29 14 0 0 11 0			440	930
Year on the tax and	60,646	23,382 11 0	9,78,347 50	61,768 3 0	648 S 9	30,710 B 0	8,456	11,548	25,204
Total for 10 wooks	54,898	24,856 2 6	10,05,404 10	63,007 S U	677 6 D	89,438 12 3	3,820	12,(InB	18,814
COMPARISON.	9,524	1,048 10 0	15,102 30	\$61 12 O	14 10 0	E,026 5 H	355	253	885
or mile of railway correspond-		24 16 0		22 14 5			90.01	41/444	111.0
previous year or	30,716	7,695 4 11	1,18,215 50	8,003 6 0	174 18 9	16,832 8 B	2,510	5*0.10	4,388

presimate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

Chir	Por Mean	THE POR WREE 18T MAY 1867			AL RECRIPTS : ELL 1680 TO 22: 1886,		lar .	TAL RECEIPTS F APRIL 1887 TO MAY 1887.	21sr	Total muranu	Total decrease		
ean kage	Receipts.	miles		Receipts.		Mean mileage worked.	Total receipts.	Per min worked.	Mean mileage worked.	Total receipts.	Per mile worked.	ia 1887.	in 1887,
42	Re. 2,025	R4,	۵	Re. 1,610	Rs. 87	49	Rs. 16,832	Rs. 277	42	Rs. 32,560	Ra 782	Rs. 17,028	997

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 21st May 1887, on 125 miles open.

	COACHIN	o Trappic.		RAND MINERAL LAPPIC.	Other earnings	Total	TRAPPIC	TRAIS-MILES
	Number of passongers.	Conching receipts.	Weight carried.	Reculpta.	(entimated).	entural.	Coanhlug.	Merchan- disc.
	- 1	Rs. A. P.	Mos. s.	Ba. A. P.	Ra. A. P.	Bo, A. P.		
form) traffic for the week	28,891 101	8,010 0 0 64 0 0			60 0 0	11,970 0 0 85 0 0	8,780	3,424
for previous 19 weeks at half-	470,230	1.62,770 0 0	7,46,434 0	47,070 0 0	883 0 0	2,11,328 0 0	72,568	27,400
Total for 20 works	503,130	1,70,784 0 0	8,02,403 0	51,870 0 0	942 0 0	3,33,208 0 0	70,354	88,810 1
otal for corresponding week of necessary walk	21,747	8,005 O D	4		14 0 0	10,497 0 0	B,812	1,596
the period of provious year of provious year	190,001	03 0 0 1,72,870 0 0			00% Q 0	2,18,440 0 0	78,177	27,641

^{*} Andited up to week suding 20th March 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

	THE MAY 1846.			IN FOR WEER	ENDING		L RECEIPTS PRO 1800 TO WEEK 22ND MAY 188	BRUING	AFRIL	L RECEIPTS PRO 1887 TO WHEE 21st MAX 1887.	RELIES	Total	Total
Menn milense worked.	Receipts.	Per mile worked	Mean mileage worked.	Recepts.	Per niln worked.	Menn milense worked.		Per unile worked	Mean mileage- worked	Total receipts.	Per mile worked.	1987.	decrease u 1887.
123	Rs. 10,497	Rs.	125	Rs. 11,970	Bs.	3.52	Ra. 80,1-87	Ra.	198	Rs. 80,#88	Rs. 98	202	Ro.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 21st May 1887, on 249 miles open.

	COACHIN	n Trapy	C.	Muschandis	early Wi	FERA	Other	carnings	Totales	raine	TRAPPIC	TRAIN-MILI	AUR.
-	Number of passengers,	Couch		Weight carried	Rece	geto.	(480)	unted).	-		Compling.	Marchan- due,	Tatal
		Re.	A. F.	Mps. s.	Ra,	A. P.	J. H	St. A. P.	R.	A. P.	E		
Total traffic for the week on 24% miles open Ov per mile of railway For provious 10 weeks of half-	39,13ml 157	13,007 6.5	7 11 4 0	1,88,859 0 757 0		16 0 9 0		26 0 S 2 14 0		₫ 8 15 0°	5,006	d,481	22,47
Per at the second of their	732,4895	2,88,395	в 1	31,35.460 0	3,11,876	1 6	69,41	7 15 B	0,54,689	0 4	100,453	111,472	±17,08
Total for vit works	371,613	2,06,463	0. 0	\$3,23,974 D	3,30,038	0 D	02,80	6 U D	0,80,246	0 0	113,448	117,953	\$30,10
COMPARINGS. Fotel for correspondent week of provious year on 140 miles open	a7,78h}	12,580	8 1	1,87.164 0	19,671	0 2	3,10	3 14 6	54.414	6.9	5,963	6,104	11.01
Per mile of ratiway correspond-	150	5-1	3 0	555 0	75	11 0		1 3 0	125	4 0°	100-100	100145	1
Total to corresponding date of	713,136)	2,50,202	3 R	25,98,859 10	2,62,050	8 5	59,07	3 15 8	5,78,014	3 p	95,190	101,495	194,60

^{*} Storm-bout carnings excluded in calculating " Total carnings per mile of railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirkest State Railway.

To To	Total	MAY MAY	L RECRIPTS FOR 11 1887 TO SHIT 1887.	Арв		MAY 1885 TO 2 MAY 1885.		CELFIS FOR WERK ESDING MECEIFTS FOR WEEK ENDING 22ND MAY 1880.				BECKIPT 10	
198	increase In	Per mile worked.	Total receipts,	Mean mileage worked	Por mula worked.	Total Poccipia.	Mean mileage worked.	Por mile worked,	Receipts.	Stean nulturer worked	Per Dule Work d.	Receipts.	Menn pileare corned.
140	Me. \$5,095	Ra. 1,115	Ba. 2,77,812	510	Re,	Ra. 7, 12,117	1/40	Ra.	Ra. 33,588	240	Pe. 140	Ns. 84,414	246

NALHATI STATE RAILWAY.

Approximate Beturn of Traffic for the week ending 21st May 1887, on 271 miles open.

1413	COACHING	TRLYFI	c.		MERCHAND	LAN LAN	end Mines	ZAĮ,	Other ea	rní	nes				TRAPPIC	Train-Mille	BEN.
	Number of passengers.	Cgnchi receip			Weight carried.	1	Receipts	J.	(enthrou	ter	1).	Total our	Bin	KB.	Conching.	Merchan- dice.	Total.
4	-	Rs.	A.	p.	MD0.	it.	Rs. A	, P.	Ra	. A	. P.	Es.	4.	P,			
Total traffic for the weak Or per mile of railway Fut previous 10 weeks of balt-	2,788 - 102	1,067 30		2) Q	8,853 525	020	849 10 20	1 0	18	1,1	0	1,634 ilo		6.0	500	256	763
Lery or to the war	87,148	21,584	3	()	2,50,040	20	14,382	11.	401	9	0.	30,408	3	8	9,743	6,405	16,986
Lutar 104. 50 menger	89,076	22,002	0	0	2,58,908	Đ	14,031	0 0	77.6	.0	М	34,643	0	0	10,252	0,740	17,001
COMPARISON.																	
retal for corresponding week	2,6112	1,025	7	-6	4,081	10	442 11	0	13	1.3	11	7,489	0	9	200	204	763
of previous correspond- of previous year	96	37	10	ñ	183	0	10	0	0	8	0	5-1	6	0	-30012	494.14/	
Mak is lear, we were or	52,084	20,080	13	{J	1,67,201	30	12,561	B	552	4	5	33,797	6	8	10,325	6,371	18,600

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nathati State Railwoy.

BREEFF	BECRIPTS FOR WERE ENDING RECRIPTS FOR WERE EN SUND MAY 1886.					Tors	APRIL 1886 TO S	om 1st 2se		PRICE 1887 TO 210 MAY 1887.		Total	Total
Mean prisage worked.	Recuipts	Per mile worked.	Monn milenso worked.	Receipts.	Par talle worked.	Mean milenge worked.	Total receipts.	Por saiso warked	Mean milease worked.	Point recepts.	Per mile worked,	increase in 1857.	decrease is 1887.
	Re.	Rs.	093	Re.	Rs.	atra L	Rs.	Ru, 486	nes	Rs.	Ra.	Ra,	
27)	1,488	04	271	1,635	00	271	18,941	486	27)	14,182	8.20.	341	110.196

DARJEELING-HIMAL	AXAN RA	LLWAY	OWLYN	c, Libitin		T	in.
Approximate earnings for week endir	g 14th May	1837	488	***			50
Corresponding week last year	×14	*10	***	***		12,	589
Decrease	111	854	***	***		2.	639
Receipts from 1st January to 14th M	ay 1897	1851	***	***			565
From 1st January to 15th May 1866	189	175.5	495	**1	1,		509
Decrease		4+1	***	111		22,6	
					Mile		
Miles open week ending 14th May 18	87	6.4.1	164	***	61		
Corresponding week last year	100	304	***	204	ħ(14	
Increase	***	***	***	***		4	
					Rs.	ă,	P.
Receipts per mile open week ending 14	th May 188	7	2.33	177	167	0	11
Corresponding week last year	***	= 4, 4	1.00	*1*	248	3	*
					51	0	3

CHIEF OFFICE, DARJERLING, 25th May 1887.

W. STEVENSON, Secretary, D.-H. Railway.

DARJEELING HIMA Approximate carnings for week ending		1887	4.64		4 4 4	Rs. 10.717 12,802	
Corresponding work last year	198	***	***	,	798	2,085	
Decrease Receipts from 1st January to 21st May From 1st January to 22nd May 1886		4.44	***	***	***	1,51,282 1,76,312	
Decrease		***	x 5 A	149	109	25,030 Miles.	
Miles open, week ending 2 st May 1887 Corresponding week last year		100	300	461	***	504 504	
Increase	***	***	6.0.4	4.1	481	- 4	
Receipts per mile open, week ending 21s Corresponding week last year	t May 188	T	***	4n7	411	Re. A. P. 210 2 2 262 4 4	
Doorense	To the same	194	401	304	401	42 2 3	

Printed and published by EDWIS MORRIS Lawis, at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 1st June 1887.



SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, JUNE 8, 1887.

OFFICIAL PAPERS.

Nem-Subscribers to the Giznere may receive the Suprement separately on payment of Six Rupees per annum if delivered in Calcutta, or Incline Rupees if sent by Poet.

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RESOLUTION ON THE BOARD'S REPORT ON THE ROAD AND PUBLIC WORKS CESS FOR THE YEAR 1885-86.

FINANCIAL DEPARTMENT-ROAD AND PUBLIC WORKS CESS.

Darjeeling, the 2nd June 1887.

RESOLUTION.

READ-

The Report from the Board of Bevenne on the Road and Public Works Cess, operations for the cess year 1885-86 terminating on the 30th September 1885.

Read also-

The Report for 1882-85, and the Resolution recorded upon it.

No change was made during the year in the rates at which the cesses were levied, the maximum rates having been levied in all the districts in which the Act is in force, except Backergunge, where the Public Works Cess was levied at full and the Road Cess at half rates. In many districts there has been a reduction of the demand on revaluation, yet upon the whole both cesses continue to show an increase. It is estimated that this increase will continue at the rate of Rs. 62,265 a year, which is the average of the last three years. This is at the rate of about four-fifths per cent. per annum, showing an increase of nearly ten lakes per annum in the annual value of the property assessed.

2. The following table compares the results of the year with those of three preceding years:—

				DEMAND,	9	-	BALANCES.	1 - 2	Deduct	Net	of net balances
			Current.	Arrear.	Notal.	Current,	Arrent.	Total,	remissions.	ATFORTM.	and grow
			Ru.	Ra.	Ra,	R4.	Ro.	"Rx.	Tu.	Ra	
1882.83 1883-84 1885-86 1885-86	4 A4 4 A5 8 A8	### ### ###	78.10.811 78,78,697 74,96,833 74,97,008	11,42,296 12,40,279 16,43,317 14,05,317	84,58,107 80,38,969 00,00,147 89,68, 92 5	10,00,330 13,56,779 11,60,007 11,25,143	1,77,800 \$,04,103 5,07,181 3,03,303	11,86,721 10,20,074 14,07,286 14,27,440	27,940 96,998 36,657 39,351	11,58,780 16,08,081 14,28,631 18,88,096	187. 186 158 154

The gross demand was thus Rs. 89,62,925. Of this, Rs. 75,38,825 was collected and Rs. 39,351 remitted, leaving a balance of Rs. 13,88,098 outstanding at the close of the year. Though there has been a slight reduction both in arrear and in current balances, the Lieutenant-Governor must consider the general result unsatisfactory. In reviewing the report for 1882-83, Sir Rivers Thompson remarked with regret that so large a sum as Rs. 1,77,390 had been left unrealized for more than 12 months. Since that time, however, there has been, not a reduction, but a large increase, in the arrear balances, and at the close of the past year they amounted to Rs. 3,03,303. The net balance (current and arrear) increased from Rs. 11,58,780 in 1882-83 to Rs 15,93,981 in 1883-84, Rs. 14,-8,631 in 1884-85, and Rs. 13 88,098 in 1885-86. In 1883-84 the explanation given was failure of crops and the fact that the last day for payment of the September instalment fell within the Doorga Poojah holidays. In 1884-85 the large balances were attributed partly to increase in the demand and partly to the floods which had occurred in some districts. This year no general explanation is offered. With an increase of only Rs. 1,86,797 in the current demand, the outstanding balance has increased by Rs. 2,29,318 since 1832-83. The Lieuterant-Governor trusts that the Board will take measures to prevent a state of things which was unknown before 1883-84 from becoming chronic; and he begs that district officers may be specially urged to exert themselves to improve the collections in the current year. While the Provincial funds are barely sufficient to provide for the ordinary requirements of the administration, it is necessary that the fust demands of Government in all branches of the revenue should be promptly realized

3 On comparing the arrear collections with the arrear demand, it is observed that in the following districts the arrear collections fell short of 90 per

cent:-

					Percentage of	Percentage of
- 4		100			on arrear demand.	ourrent collections on current demand.
Burdwan			1 10	111	30.9	82.8
Bhagulpore		***	3" 4"		58-8	91.0
Bankoora	111	144	N-9-1	,	61.1	84.9
Hooghly	1.10	4.55.74	35		65 6	73.0
Balasore	***	3	- 27		70.6	77.0
Shahabad		-61			72.8	76.7
Manbhoom	8.44	***	9871		75.4 78.6	96·8 76·7
Mozufferpore Furreedpore	4-11	-	*	1	79.1	61.8
Pooree	- 3'	1 1 14	- 4	-	79.9	66.7
Cutteria	***	2 - 100	7 -		81.4	86.5
Durbhunga	A 2 W	Provide the same of the same o	- 110		83.3	79-4
Monghyr	178	WY15	2000		86.9	85.9
Patna		mark	4.5		88.3	83.2
Sarun -		100	1,5,00	1	88.6	N4-T
Chittagong	400	110	10 pt -14	0.0	88:7 89:9	87-6
Backergunge	2 118	245	A. Walleton	100	8 03.0	81:3

Of these 17 districts, 13 are the same as those which appeared in the list last year. Moorshedabad, Maldah, Midnapore, Pubna, Dacea, and Nuddea have disappeared from the list, and Manbhoom, Pooree, Sarun, and Chittagong have been added. Burdwan, which was the second worst district in regard to arrear collections in 1882-83, has during the past three years headed the list. In 1883-84 the percentage collected was 33.3, in 1884-85 45, and in 1885-86

The explanation always offered is the difficulty of collecting three years' back demand from numerous petty rent-free holdings assessed under Chapter IV. Part II of the Act. The same cause is, however, in operation in the adjoining district of Hooghly, where the percentage of arrear collections has never fallen below 61, and in the past year was 65. The Lieutenant-Governor will be prepared to consider proposals for a general revaluation of the Burdwan district. The explanation offered of the very unsatisfactory percentage in Bhagulpore, that it was due to drought, cannot be accepted as sufficient, nor can the plea put forward regarding the difficulty of realizing the demand from the holders of the ghatwali tenures. The Lieutenant-Governor concurs with the Board in considering that the failure in the districts of Patna Division is insufficiently explained by a reference to the delay inseparable from the certificate procedure. Such an argument is not appropriate in the case of arrears of more than twelve months' standing. The Lieutenant-Governor observes with satisfaction that in Hazaribagh, Purneah, Darjeeling, Bogra, and Rajshahye the whole of the arrear demand, and in Dinagepore 99.2, Beerbhoom 98.4, Lohardugge 97.6, and Rungpore 95.1 per cent., was realized. The absence of an arrear demand, as has been repeatedly observed, is the best evidence of efficient collections. In Durbhunga the Collector observes that the falling off is due chiefly to the abolition of the long-standing practice of demanding payment of cesses before accepting the revenue challans during the kist days from the beginning of the current cess year. The Board rightly observe that this illegal practice ought never to have been tolerated by the Collectors of the

In some districts of the Patna Division it has been found necessary to resort, as an exceptional measure, to the provisions of section 99 of the Cess Act for the realization of arrears. This is a salutary provision for meeting cases of inveterate contumacy, but the Lieutenant-Governor agrees with the Board in considering that, when it is employed, the strictest supervision should

be exercised.

4. The list given above shows the districts in which the arrear collection fell short of 90 per cent. In the following districts, though the arrear collections were not less than 90 per cent., the current collections fell below that amount:—Singbhoom (57.0), Midnapore (77.1), Dacca (78.0), Gya (79.1), Tipperah (80.4), Chumparun (81.0), Nuddea (84.1), Jessore (85.5), Julpigoree (87.0), 24-Pergunnahs (87.2), Maldah (87.6), and Khulna (89.6). Of these, Singbhoom was brought under the operation of the Coss Act only last year.

The percentages of collection on current demand was in Lohardugga 99.8, in Hazaribagh 99.6, in Purneah 98.1, in Beerbhoom 97.7, in Darjeeling 97.3,

and in Dinagepore and Rungpore 95.

5. The number of certificates filed and disposed of for the recovery of cess during the past three years is as follows:-

	8 .	4		Number made.	Number disposed of.
1883-84	***	***	***	74,674	73,386
1884-85		***	***	77,631	78,385
1885-86	144	***		77,577	80,273

The increase in the number of disposals is simultaneous with a trifling decrease in the number of institutions. The smallest number of certificates filed was, as usual, in the Chota Nagpore Division, viz., 894, being less than the total of a single district in many of the other divisions. Next comes the Presidency Division with 4,657. The largest numbers occur in the Patna

Division, 23,490, and the Burdwan Division, 15,753.

6. A complete revaluation of the district of Cuttack has resulted in an increase in the gross annual value of Rs. 4,32,274 and in the demand of cesses of Rs. 24,152. In Pooree a revaluation has been completed, except in the Government estate of Khoorda, where it is still in progress. In Balasore the work is still incomplete. General revaluations are proceeding in Gya, Chumparan, and Shahabad. In Purneah also a general revaluation has been complete. been sanctioned, but it was not commenced during the year. Operations in Mozufferpore have been temporarily postponed, as it was deemed inexpedient to undertake the work while a survey and record of rights under the Tenancy Act was being effected in a considerable portion of the district. Partial valuations and revaluations are in progress in several districts, particulars of which are not of much importance. During the year 6,235 separate accounts were opened, under section 44 of the Act, for Rs. 93,584 payable as cess. At the close of the year the number of accounts remaining open was 32,000 for Rs. 13,29,846 of cess. The number of separate cess accounts opened in revenue-free estates, under section 46 of the Act, is 37, against 59 in the preceding year.

7. Before passing orders on the question whether Statement IV should be discontinued, the Lieutenant-Governor desires to be informed of the cause of the large increase in the numbers of estates and tenures assessed with cess as compared with those shown in the last return. His Honour would also wish to know whether, if the statement be retained, any difficulty would be felt in breaking up column 3, which shows the number of estates assessed with cess.

into Land Revenue-paying and Land Revenue-free estates.

8. The Lieutenant-Governor's thanks are due to the Board of Revenue for their efficient supervision during the year over this branch of the administration. The names of the Deputy Collectors who have been favourably noticed by the Board will be communicated to the Appointment Department of Government.

ORDERS.—Ordered that a copy of the Resolution, and of the Board's Report, be submitted to the Government of India, Finance and Commerce Department.

for information.

Ordered, also, that a copy of the Resolution be forwarded to the Board of Revenue, and copies of the Resolution and of the Board's Report to the Appointment and Revenue Departments of Government, for information.

By order of the Lieutenant-Governor of Bengal,

COLMAN MACAULAY,

Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Orops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 4th June 1887.

lo.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
HGY.	In. Western Districts		
. *		2-05	Worth or marks maken
1	Culns	6.10	Weather-moist; sultry; east wind prevalent. Prospects excellent. Priestill, low. Public health good. Cattle-pox in Cutwa.
2	Banksors , 4, '87	4·86 2·76	Weather-sultry. Ploughing going on briskly throughout the district as sowing has begun. Sugarcane and indige growing well. Public heal
	Baerbheom , 4,	5·11 9·12	Weather-cool and cloudy with occasional showers. Heavy wain has impacted
1	100		ploughing to some extent, and a spell of fine weather is needed. Properts are, however, very good. Cholera has nearly disappeared, and with the exception of a little fever, no disease is reported.
.4	middle and a second	2.00	Weather-cool at beginning, sultry at and of week. Sowing of omes hegun.
0	Hooghis ** ** ** Sersmpur Jehanabad	0.25 1.94 4.75	Weather-unsettled. State and prospects of crops good. Public heats good.
	Houran o 4, '8'	0.02	Weather - occasionally cloudy; wind sometimes strong. Lands are being per pured for asses crop. Rainfall will do good.
	Contrat Distrects		
, 8	24-Pergha, June 4, '8	0:46	Weather-unsettled. Strong winds and rain. Early rwo and other standing crops promising. bowing still continues. Public health fairly good.
7	Nuddea , 4, p	a-98 3-76	Cloudy sky and rain at intervals with light southern breeze. Aus, indigo as jute promising. Excessive rain in parts of the Mcherpur sub-division b
	Meherpore Chuadanga Banagkat	2.75	injured the young rice. General health good. Cow-pox in the Sudd sub-advision.
6	1000 1 4 190		Weather—sultry and cloudy; wind from south and slight rain. Ploughing going on satisfactorily. Til crop good. Prospects favourable. Publishealth good.
y	Jemora " 4 Jhenidah Magurah	1.47 8.65 2.8	Weather-very hot. A good fall of rain in the middle of the week. Pad plants are thriving. Prospects good. General health fuir.
1	Narail Bongong	N	
10	and the state of t	7-30 9-63 4-06	Heavy rain at the beginniar of the week. Amon is being sown. Jute a sugarcane promising. Public health good.
111	Dinagepoon ,, 6, '6	10.04	Heavy rain has done some damage to bhadoi and inte crops, and has imped ploughing for winter nee. Slight rise in prices. Rice 23 seems per rupes. Weather hot and cloudy. Prospects of crops favourable. Public heal
11	Rajahanya ,, 4, '8 Nattore Nowgong	6.94	good. Very heavy rain during the week. Some damage done to crops by flooding
18	Angpore , 4, Nilphamari Kurigram Gaibanda	25.4	Cholera continues in the Kurigram sub-division, but has diminished in district generally.
11	Bogris . 4, '8	7 23 08	Weather—wainy and cloudy all the week; a very sovere aform on 21st M with 15-60 inches of rain; for the last two days the weather has belose and warm. Sowing in progress. The very heavy and extraordina rainfall of the 21st has damaged the ass and jute crops, and has also injure beidges and houses. Public health fair.
11	beraigunge .	13.80	Weather soluty and rasny. Frospects of crops good. General heat good. Weather variable. State and prospect of crops good. Fever prevalent
16		20.44	Temperature much below the normal. Heavy and constant rain, which clear
1			olf only at the end of the growth of the young plants to some extended with not been good grop this year. Sugarcane promises well. Challed a virulent type prevails in the tea gardens east of Juldacea, but abating elsewhere.
Ti.		0.00	Weather comparatively cool and mostly cloudy. Sowing of cames pade continues. Kaess and til being out. Recent rain has done much go
T	Munichgunge Munshigunge	3 98 1 11 1 154	to standing crops. Rivers rising fast. Public health good. Weather hat and miny. Prospects of crops good. Public health good.
11	Farrendpore . 4, 2	2:79	
11	Mudaripore'	2.74	Westber hot. High wind blew from the eset and south-east for about days continuously, as doubt connected with the cyclone in the Bay. Curation of assess going on. Some damage done to asse by unusual the and storing weather. General health fair.
13	Jamalpur	87 6·79 3·76 1·82	Rain on ain days of the work arona good.
	Attis	1.08	The second secon

No	۸.	District and return.		of	- A1	tainfall Sudder tation in nouse.	Character of the weather, state and proceeds of the props, and grate of boolth at date.
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NO	-AL.	-contd.				. 1	
		Bastern District		nne/			
		Eastern District	-0	met			* National Control of the Control of
1	22	Distagoug, Jun	10.	G,	87	2.72	Weather -hot with occasional showers. Prospects of one fair, Outium spring crops 12 annas, Cholers still reported. Prices stationary.
1	27 7	Founy	"	8	10-	0.13	Weather—generally cloudy and high southerly wind. Ass seedlings in callands have been damaged to some extent by salt-water inundation. Transplanting of mass continues. More rain wanted. Public heat
1	24 1	apperah Brahmanbari	i, ah	2,	'87	0.87 0.62	fair. Weather at first dry and hot; for the last three days wet and seasonable. Present state of gross everywhere good. Rain much wanted has con-
1:	26 C	hittagong Hill &	fay :	91,	'8/7	1.60	at last, but not in sufficient quantity everywhere. Health of the peop- generally good. Weather—excessively hot and cloudy throughout the week. Sowing in jooms nearly finished. Early joom paddy has germinated well. Late min h
,		Hill Tipperate	lune	1	11	Nil	improved the condition of sugarcane to a great extent. Public heat good. Weather—hot. Prospects of sugarcane, chillies and til good. And paddy at
	1	•					being sown. Journ doing well. Public health good,
H	AR,				- 1		
7	20	Pating J.	une	4,	'87	7.01	Weather—cool during the latter part of the week. Fields are being prepar for bhadol sowings. Prospects of sugarcane fair. Cholera prevalent in the Behar and Barb sub-divisions.
	87	Gyn	38	4	"	2.05	Weather—damp and hot. Rain has done some injury to rubbes corn yet the threshing-ground. It has saved some expense of irrigation to sugares planters. Cholera, fever and small-pox yet reported.
	28	Shahabad	10	4	.0	2·37 5·47	Weather-cloudy and rainy up to 1st, since then more settled. Rain has be beneficial to agriculture generally, but injurious to grain still injthreship
1		Buxar			19.5	4.75	floor. A large unmber of cattle are reported to bave died from inclored
1		Bliabua			dat	3.13	of the weather. Cholera reported from Euxar and Bhabhua sub-division public health otherwise fair. Prices stationary.
3	49	Durbhunga Madhubani	**	4	15.	4.08	Weather—rainy in the beginning of the weak. Reinfall of the week immension benefited the early rice and indigo, though it did some injury to most which was almost fit to be cut. Bhadoi has commenced to be sown. Prof common rice averages 20 seems per rapec. Cholera reported from
L	10						Madaubani auh-division.
		Moznferpore Hajipur Sitamarhi	**	4,	'87	3·92 10·40 2·71	Recent rain has cooled the weather. Prospects of crops excellent. Early risecong, cheena, knowi and same doing well. Bhadoi sowings have beguing has improved greatly by the rain. Cholera still prevails in a district.
	81	Saran Sewan Gopalgunge	×	4	ы	3·69 3·39 2·89	Weather—cloudy with occasional sunshine Indigo and sugaroane benefited the rain. Bhadoi sowings commenced. Sporadic cases of cholers and suppox reported.
	\$2	Chumparen	q	4	14	1.81	Weather—cool during first five days; hot for the last two days. Italing too (4th) Rain much beneficial to indigo and to cultivation generally. Saw of bhadoi and aghani on low lends nearly completed. Prospects of standicrops favourable. Mortality from cholera increasing.
1	23	Beguserai	une	4	'87	8·55 7·30 4·68	Weather sessonable; cloudy at times. Sowing of bhadei crop going or vigore ly. Cholesa still prevailing, but not generally.
1	84	Janui Basgulcore		4	79	4:04	Weather -cloudy and cool Rain has been too much for low lands, and the
1	0.3	Banks	- 11		47.6	8-22	has been some loss of carly rice stedlings. Some loss has also been caused rubbee on threshing-floors. Bhadoi prospects good, Indigo doing a
1	1	Mudehpoora Scopole			117	5.32	Cholera abating.
1	25	Paraent	12	4	P7	13.62	which has suffered severely, no crops are known to have suffered much i
1		Arraroal			200	14.83	the rain; however, should the land not have time to recover before furl heavy rainfall, the consequences to standing crops are likely to be very seri
1	36	Maldab	74	14	, '87	18.00	Wenther-cloudy and damp ; first five days of the week coul ; since then
	-0	Chanchal Shibgunga	.,		(1)	9.85	
1	87	Southal Pergir	V 18	- 1	11	5.05	
		Deoghur Godda				5-12	Rore dhan in Raimehal much damaged by the wet. Indigo baset
		Janutara			2.0	16:04	
		Pakour liajmehal			9.0	11.23	Water Control of the
						20.00	The same of the sa
H.	BRY					Nil	Weather bot and cloudy, high wind continued. Nowing of Pice II Proc.
1	10%	Cuttaer,	Ju	ue-l	3, '8'	7	plants coming out in some places. Common rice 184 seems part of town. Public health generally good. The cyclone which passed over town, and the passed over the common and trees in
1		1					coast tract. Loss or eactis is reported from the Kinnas masses
	115	Poorse Khoorda	p.		2	1.83	Weather—stormy. Sowing of escad crop going on. Miscellaneous crops a well. Common rice 24 seers 5 chittacks per rapes in the Sudder sub-division. Casess of the
	40	Salagore	30	3	3 "	8.9	Weather—cloudy. Ploughing and sowing of paddy were stopped for some owing to rain-water in the fields. The cyclone of the 25th May caused a basic of the 25th May caused a
							blown off, and a few trees uprocted. Enquiries are being made as to extent of damage in the meduasit. Public health generally good.

No.	District and date return.	of		Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
_	NAGPORE.	ų.			
	Hasaribagh, June		187	Nil	Weather-cloudy and unsettled. Sowing of paddy has commenced. Sugarcans doing well. General health good.
43	Lohardogga ,, Palamow	4	14	0·41 5·62	Weather—hot and cloudy. Rain daily expected. Heavy rain in the Palannov sub-division accompanied by a very strong wind. Ploughing is vigorously going on Prices continue as before. Cases of small-pox and cholors reported; public health otherwise good.
63	dingbhoom	8	10	2.46	Weather - cloudy with occasional storms. Still hot. Ploughing and sowing are being scrively carried on. Cholera has appeared in Chakradharpore; nine deaths reported. Cholera in Chybassa has abated.
44	h'anhhoom ., Govindpur	4	33	3·51 8·79	Wenther-stormy with a good deal of rain. Sugarcane doing wall. Late rain has done good to paddy cultivation. General prospects of crops good. Public health good.

CALCUTTA, REVENUE DEPT.;
The 7th June 1887.

P. Nolan, Secy. to the Govi. of Bengal.

STATEMENT SHOWING THE STOCKS OF BIOR IN AND AROUND CALCUTTA.

of day	1-												
13.	_	let west of July 1886.	lat work int week of August 1986, of Sept. 1896	Int week of Sept. 1888.	of Oct. 1856.	int week of Nov. 1896.	1st week of Dec. 1886.	of Jan. 1887.	of Feb. 1887.	1st week of Mar, 1887.	ist mate of April 1967.	let week of May 1557.	let week of June 1867
Selt sarse, Coomer. 6.	lds.	Mds.	Hds.	M ds.	Mds.	Mds.	· Mde.	Mdo.	Mds.	Mds.	Mds.	17.7	M.d.
Gala saree, Coomer. 6.	9,000	\$,43,000	\$,53,690	5,06,500	5,60,800	2.81.900	\$,11,099	9,99,000	4,13,500	4,73,880	14,01,160	18,67,004	10,36,780
Celateree, Coomer-	61,900	68,700	67,590	FU. 6.00	66,609	64,500	\$0,900	47,700	008'29	61,300	12,400	66,890	42,500
Ghi	6,11,800	3,55,300	1,63,900	B,60,400	0.87,404	6,94,100	4,48,106	7,75,000	1,68,700	5,82,700	7,67,100	4,14,904	6,11,9
Patharizahate, Posts, and S.	\$, µ0d	6,456	3,700	099 \$	4.000	5,000	9007	6.800	5,000	4,600	21,988	E, 094	3,864
Tallyrunge, Chikish, Kidderpore, 1.46,	1,46,400	1,91,909	1,55,400	1,89,000	1,18,300	1,16,500	1,46,400	1,23,960	1,55,600	1,29,600	1,73,980	1,64,606	1,88,89
	1,44,860	1,40,000	1,40,000	2,40,000	\$,40,000	2,49,000	9,40,000	2,60,000	E.40,950	3,40,000	1,40,600	11, 641, 000	3,40,40
Other rate! theps. 2,139 in 3,10, humber (ordinated).	1,10,00.7	2.60,000	1,50,010	8,69,600	9,50,000	2,59,000	8,64,009	1,50,040	1,50,000	\$,60,000	2,50,000	3,64,000	8,80,000
Meidysbakty, Newskumer, 14. Bhuddysmar, and Chander- namers.	14,109	14,688	18,4,7	36,738	90,460	98.114	7,200	8,069	6,130	\$1.7	410	E,648	8TTB
Total \$5.02,199	1,190	30,67,489	18,20,077	17,74,558	19,02,950	17,02,914	15,55,660	17,37,660	18,93,659	17,55,748	10,01,742	M,40,648	29,59,47
Car both way president our both states of the effort. Car both way further. Car both way		2,720 July 84.1 July 19.137 July 1896 July 1896 PALSE (Inst to Stel July 1896)	1,036 forn 3rd August 86.1 for 1 for	11,011 for 4th September 8d, 35,147 (lat to 3td September 8d, 35,147 (lat to 3td September 8d,)	(on 2nd Oct., 18-41, 1 22, 144 (let to 3rd Oct. 18-56, 1 44,319 (let to 3rd October 36,)	1),694 Nov. 84) 25,219 (Irr to drift Nov. 99.) (191 to 32d Nov. 38.)	7,418 (on 41) Dec. 41; 39,276 (find to 3th Liver, 95.) 21,41) (3rd to 5th Dec. 86.)	\$1,020 (on 4th 55,535 (find to 4th Jan. 1887.) (find to 4th Jan. 1887.)	18.358 (nn 3th Feb. 1872, 31.461 (11 to 3rd 1.51.101 (151 to 3rd Feb. 1867,)	(on 4), 880 Nav. 18-73, 78, 806 (44, 16, 2+0 Mar. 1867.)	4,988 April 1897.) 54,87 (18; to 3rd 6 pril 1897.) 91,375 (18; to 3rd April 1897.)	19,014 fon 4th May 1897.) 18,319 (10 to 3rd May 1897.) 28,233 (19, 90 3rd	(on 4th Jone 87.) 18 500 (list to 3rd June 1887.) (list to 3rd June 1887.)
Orand Tobal of Boooks 25,45,351	THE STREET	11,14,001	10,45,918	18,67,000	18,75,611	17,64,018	18,97,597	10,15,04	26,9,0	\$15'05'48	39,47,607	101,11,101	25,75,380
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Statistical Department. The 6th June 1987.

P. NOLAH, Becrefary to the Gast. of Bengal.

PRIORS-OUBERNT (RETAIL) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE 31st MAY 1887.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

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A in sub-divisions retail prices of sait per rupes were:—Culna 12 seers, Cutwa 13 cears, and Rancoguage 19; sours.

B in Bushenpore sub-division retail price of sait 12 seers per rupes.

C in thanpore flast sub-divisions retail price of sait 13 seers per rupes.

In sub-divisions retail prices of sait per rupes were:—Cinatial 19; seers, Tambook 11 seers, and Contai 19; seers.

E in sub-divisions retail prices of sait per rupes were:—Estampore 13 seers and Jehanshad 18; seers.

E(2) In sub-divisions retail prices of sait per rupes were:—Baranct 12 seers, Bussirket 10 seers, Diamond Harbour (at Magrahat) 10; seers, Barrackpore 12; seers, and Dum-Dum 11 seers.

B in sub-divisions retail prices of sait per rupes were:—Knoshtet and Maherpore 12 seers, Choosdanga 11; seers, and Rausghat 10; seers.

posits.

On the Satisface and Engirthst sub-divisions retail price of salt 11 seers per rupes.

In Satisface and Engirthst sub-divisions retail price of salt 11 seers per rupes.

In sub-divisions retail prices of salt per rupes were: —Magoors 10t seers, Norsell 12 seers, Bongong 13 seers.

In sub-divisions retail prices of salt per rupes were: —Leibugh 18 seers and Jungipero 19t seers.

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Districts of Bengal during the Fortnight ending the 31st May 1887.

												WHOL	ESALE MAUND BEERS.	OF 61	
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LEGRONME

In Nulture and Nowgong sub-divisions rotal price of only 10 scores per super.

In Nulture and Nowgong sub-divisions rotal price of only 12 scores per super.

In Nulture and Nowgong sub-divisions rotal price of only 12 scores per super.

In Sub-divisions rotal prices of salt per rupes were:—Nilphamari 23 scores and Kurigram, and Gathanda 12 scores.

In Sub-divisions rotal prices of salt per rupes were:—Manickaunze 11 scores, Moonshaagunge 102 scores, and Maraingunge 123 scores.

In sub-divisions rotal prices of salt per rupes were:—Manickaunze 11 scores, Moonshaagunge 102 scores, and Maraingunge 123 scores.

In sub-divisions rotal prices of salt per rupes were:—Continued 12 scores and Madaripore 123 scores.

In sub-divisions rotal prices of salt per rupes were:—Manickaunze 12 scores, and Shols 10s scores.

In sub-divisions rotal prices of salt per rupes were:—Minhorograms of scores, Atton 12 scores, Jamailycre 104 scores, Gaerpore 10 scores, and Netrokona 2 scores.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

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The Cox's Bezar sub-division rotal price of ealt 19 seers per rupes.

Un Februs sub-division (at Fanchgatchie) result price of satt 10 seers per rupes.

Value aub-divisions retail prices of salt per rupes were:—Brahmunderials 12 seers and Chandpore 113 seers.

Whis sub-divisions retail prices of salt per rupes were:—Buzar 123 seers and Sansaram and Bhabsons 114 seers.

In sub-divisions retail prices of salt per rupes were:—Hajeopore, 12 seers and Gerstamarkee 11 seers.

Le sub-divisions retail prices of salt per rupes were:—Sewan 12 seers and Gerstamarkee 114 seers.

CALCUTTA, The 7th June 1587.

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WHOLESALE PRICES PER MAUND OF LO SERMS.

Districts of Bengal during the Fortnight ending 31st May 1887 -(Concluded)

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²¹ In Bettish sub-division retail price of salt 11) moors per rupes.
22 In Because at not larger subscivianous retail price of salt 11 seems are rupec.
23 In anti-divisions retail prices of salt per rupec were; - binks and Madd-hoursh 11 seems and Scopped 10 seems.
24 In anti-divisions retail prices of salt per rupec were; - Kistenguinge 10 seems and Arrareah (at thun-seguings) 11 seems.
25 In sub-divisions retail prices of salt per rupec were; - Kistenguinge 10 seems (dodds 11 seems).
26 In Bunddisch sub-division retail price of salt 24 seems per rupec.
27 In third sup-quark of (at Khansachha) retail price of salt 12 seems per rupes.
28 In Govindpore sub-division retail price of salt 12 seems per rupes.

PRICES-CURKENT (wholesale) of Food-grains, Firewood, and Salt in the

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CALCUTTA, The 7th June 1887.

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undermentioned Marts of Bengal during the Fortnight ending 31st May 1887.

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Θ	0	2	8	U	9		3	0		441			441			044		3	4	U	3	4	0	2	12	D	U	õ	0	o	Б	a	0	ő	0	3	{}	fi	3	H	U	3	14	U	Balanore,
p-q-r	i		1411			+41				h-11 :			h 84			φ ,						***										i				2	10	O	11	10	41	2	10	U	Pooree.
0			Ket 0		2	. ()	O					***						894			***			44-		O	S.	υ,	Ů.	ы	0	0	8	U	2	[9	Į.	2	13	0	2	12	0	Cuttack.

Published for general information.

P. NOLAN, Secy, to the Gout. of Bengal,

Meteorological Report of the Province of Beng

										1	8	TATION O	VIII IL V	- I AUJA					
							Plansburt	104	W13					71	e de de de la constante de la	ATUER.			
	pistric	T.		Representation.	ive:	Mean barometrie height, to A. M.	Meanirehood to parlerel.	Variation from mean.	Pretailing direction.	Mean wind relo-	Highest daring	Dute.	Lowest during week.	Date.		Men mainum temperature.	Mesh minimum femperstate of week	Mean daily tem- perature of work,	Variation from ingress mean
Ī			d	Gopalpore		227 (014	\$th.CHB	011	saw	62110	89.2	28th, 39th	80.8	(Int-	June	36-2	82'4	8518	+08
	Pode88	849	{	False Point		20160	201710	+ 1017	Wee, We	55410	90.15	May. 30th, 31st	82.4	(2D. 510		89'6	82'8	88'2	
1	Outlick	414		Cuttack	1111	21/11/12	201002	4 1022	8, 88W	1000	10614	2nd June	75'R	lat	June.	9810	79'5	88.8	-0.1
EL.	Balasore	,	**	Bulmerro		48.675	21/10/04	+ 024	8, 88W	2031-845	0.014	2nd	71'6	28th	May	B0 *&	26.2	85.1	-1'9
	South-West Mi			Sauger Isla	nd	251036	±0.200	1 039	NSE	63610	9017	Stat May	75.5	28111	,,	8918	52:3	83.8	0-П
и	South 24 Pergu		, لوديد	Midnapore	,	201028	25/077	+ '002	59	20517	93'3	1st June	7018	esth		91.7	77.0	84-9	
П	Midnupore 84-Pergunnula		7	(4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		,					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	101 011		20074	ţ1			CO-10 EV	- 63
ч.	Howash	- 01		Cidenttia	***	201007	221688	+1911	SSW	201	91.0	mst, May	70%	286h	PA .	8916	79:3	86'4	-17
	Hooghly	414	أربي]			-		-
13	Burdwan	6 11	41+	Hurdwan	+44	411:314	Ef+61/5	-1015	8	155	96-1	Brd June		2914	40	68.0	79.0	8510	-\$18
ш	Bankoorn	010	1	Bankoom		241832			Southerly	64.1	1971	2nd ,	Chile	294h	11	50-8	75'6	83.8	-
ш	Brerbbeom West Burdwin		}	Rancegung	£4	\$0.814	_	-002	RSE	12519	9715	Brd o	7416	Sket	17	08.1	77.3	8617	-6'1
ш	Mostshedahad	**1	ь	Berhamper	(L, .)	21/16/02	291001	- '0146	Southerly	14514	1117	Shet, May	71.8	Sasti,	208 h	8914	75'4	82'4	-0.6
ш	Nuddes	1-4-1	h= -	h, muhangan	it	A-1-1-1-1	_	dar-r-	19	281%	81618	and June.	71.8	150	May. June	91.1	701	6316	-
Ш	Jemore		"}	Jenrore		291676	201718	4 1125	9	194 S	9008	ard	74'4	Lat, 2:	ad	91:8	78-6	85'2	0-6
1	Shooina	411	4220	Chittegong		29-711	50.946	4 1028	В	17110	89.1	goth, Vay	型的水	and	24	87.0	77-8	8816	
	Chiregous Hill Chiregous Hill		-	Demkein	41							perdune.	2.0	101100	,	1	,,,	Date &	-0.3
H	Backetgungo		1.6	Harrison	-,.	48-726	29 7 10	· + 'casa	164	8 (41.4)	102:3	anth May	7410	203	.,	68.2	Burn	8412	2
ш	Nonkholly	***		Northbelly!		897760	20:752	_	Southerly	200%	8012	20 ; [14]	7413	grad	43	67'8	7810	8314	<u> </u>
١.	Purreedpore	411		Farreedpa	ηι.,	29/1178	-	-j- *00\$.2	8.	2870	83.2	20th, 31st May.	72.4	2nd	H	87 8	77.8	43'6	-0.1
	Decce			Discen		291703	24°7'53	+ 055	R	2070	141	281h	7411	und		161°B	7817	8411	
i I	Tipperah			Commillah		29.721	20.1200	+ 0.0%		155/3	1/2 3	alat		znd		EBLI	77'0		4.0.8
1	Mymenningh	*14		Муньшана		ganes	_	+ 1034	Calm &	Luco	112.11	5 5 k 11		2011	May	87.9	75 5		+0'8
1				No.		1 200514	. gestag		ESE	1420	30.28	50: k	98.0	실망하다		87-0	7414	BL 2	
	Bogen			Hoters Section 1100		2000.6	2070	4-1025	RKE	172 0	10.1	81at p		2415	91	188.F	74.4	,	-12
	Pubna Rajahahyo			Rampore B		29/50-1	20 (86)	'0444'-	NE	2 15 6	81.3	and dume		zuth	41	R8.9			-3'0
4	Maldah	0)	115	Madah.		201203	-	-	ьE	01.1	8710	28111; May		Sus		8414			
4	Dinagepore	147		Dinagepor	P	20.340	29.702	4.10%	ENE	159 1	1.88	2811 ,.	71:1	설명되	P4	8410	74'2	7914	-+3
	Bangpore	***	14+	Rungpore		211-580	99713		Colm	1888	80.6	2011	1	2841	May &	867	74.0	10.4	1 8
	Juljigorea		··· }	Julpigoree		29:467	10 Th	4 1038	NE	110 6	87.4	estls .	99.41	28th,	June	82.9	7216	ויניו	-31
	Cooch Behar	no to de)		4										May.				The state of the s
1	Darjeeling Hill			Darpeling	17	55-lk8F	480	- 4024	Calm	191-1	413.0	and June	\$0.0	#8tl	J I1	6014	831.6	66.8	-31
1	Purnesh North Bhagulp		3	Ритинай		2016/9	29:6N1	-400	NE	4510	60.2	3TCl	72'6	List	វីដោយ	71) 1	78:3	76'8	-78
il	Mozufferpore			Мезипетра	it is					Obser	l vatione i	nspended.							
1	Darbhange	***	.,	Durbhupp		291601	201063	+ '001	BNE	28470	8h14	29th May	72.6	3rd	41	8813	74'8	79.8	-8'0
и	Chumparun	844	16	Motihari	,,,	291423	2006.2	+ '033		23018	87'2	tal June	1	ard	ler	84'0	78'0	TEV	-8:1
4	Satua	D1+	44	Chupm	411	201433	-	016	E. ENR	1317	112.9	281h May	78 6	28th.	2914 M o y .	83.0	7018	7874	-1210
			1	Debres	B +	10:272	201027	+ '911	Northerly	210%	88%	3rd June	(40.0	and	June.	83.7	7413		110
	Shaha bad	***	{ 	Виляг	p=+	201404	201040	4 '020	N &	97,602	68.A	and		1481h	Мар	8 5'0			-181
				Arreh	Br.e	201444	25,955	-4 (Mag)	10	143.0	88.1	2nd ,		28 sh.	May.				1
н	Gya	+1"	١- ا	Gyn	4	#1/- #35	201012	- 045	Cadm	70'0	9114	and o		asth	11	877	1		
н	Patris South Bhaguips	DTIL		Rankipare	115	2014.70	\$1.4¢P	4 '(제원	NE	1750	8514	let, 2ml ,,	78%	heth	ěι	#1.4	7513	75.3	-157
Ш	Moughyr		}	Blugulpore	L.,	201478	28,045	4 1012	B	ban	₩6'+	soth May	75'0	Shtp	85	68'4	76'4	78.7	-8.8
	Bonthal Pergon		11	Describe		291138	_	-	602	95.F	91'1	BOLLS	71.9	janep.	auth	67/6	7414	61.6	-
п	Hereribegh	204	,	Hameling		87'664	201630	- '010	Variable	28110	95.7	and June		zsth,	May.	orfie		1	- 6'8
	Lohardugen	***	_[]							45-					May.			81'9	-01
П	Muabhoom	4	3	Ranches	***	27'584	019:02	012	sw	1891	98'5	Brd 11	70:0	ERFP	May.	89 4	74'4		
1	Singhhoom .	444		Chyshaum.	4 84	26'8:15	-	-	8, 88W	2012	D\$18	ant	78:0	dash	II:	pe 0	1		
	Anne		-	20 bangar		201459	29.796	4.1088	SW, NE	60.4	8'24	28th May	7113		Juno				-94
1	A. seren	mile i	**	Dhubri	***	80 017	20-786	009	North-	29.9.9	87'8	20(p +-	72'8		71	8914		1	-84
L			4	Bilohar	9.81	Ep.Off	20-701	+1048	Calin	75'0	P3'5	29 ch, Soth Blay	71.3	3rd		98.8	75'8	681.8	+01

At planeties. Summary. The normal means of six pressure and temperature are the arithmetical average or towars of the reading nuring the same period for the product of the first associate of the reading nuring the same period for the production of the results of the analysis denoted by an analysis of average of the rainfall to that dad let obtain the returns out in by the same divisional attain for the period in quantity during the station in the district sending is returns divided by the analysis of stations. A relay may be not on which at least laundredth of an arch felt.

* Keen to 6 days.

* Ween to 6 days.

for the week ending Friday, the 3rd June 1887.

-	Ē.2	ii.						ATNUALL.	VATIONS.							
	amoun r week,	WACK Linns	CM.	week.	Sinc	e lit of :					1 = -	la .	Partmentate			
	voruge cloud a	Rainfall at work observing stations.	Mean for district.	Normal mean.	Mean for district,	Normal Best	artation.	Mean for district.	Co 19th Mai	r 1987.	race transfer	Normal number of cainy days.	Representati	TV-6	District.	
	4	20	a d	-	70	P-1	1 2 1	F	K4 -	, Z	1 10	82				
, ,	310	NII	_ :	_	- 1				_		I		A			
	6'4	Nn :	0.01	0*76	131	8.20	4-5418	4/24	1.55	+ 2132	40 D-12	ליז	Gopulpore Palse Point	}	Poorse	
	6.2	0.07	0.13	3:47	613	6'18	+1:05	4750	2:69	+ 2*25	0.1	21	Cuttack	4.2	Guttaek	
	84	0.50	-0°59	148	9706	5 04	+3"0x	710	2:70	+ 1/37	11.2	2.0	Balasora		Вайного	
		Post (a	0:57	N PRINC	aws	8:55	1760	216				4		-10	South-West Made	in turan
1	9.1	0.10	11.23	1"20	d Ap	19 163			2.45	4-0-03	1.7	8.1	Sauger Island	·{	South 34 Pergum	
	6.0	3.91	0.20	1.10	8 °DQ	5.60	+ 0127	5192	ā.24	#138	1.9	2.0	Midiappero		Midnaporo	15.
														-	94-Pergunnaha	
7	010	1176	6.91	1.67	0.55	0.27	-0.47	8770	3164	-0.40	1"ti	2:5	Culentia		Howrah	111
															Hooghly	141
6	10.0	2741	4,78	1.25	11:75	2.10	+6135	Di Gli	2:18	0.0171	2.7	118	Bardssan		Burdwan	
:	5'3	277	2,40	1'83	6,80	4 80	+ 0.04	20,4976	9.82	+ 0184	\$13	2:1	Bankoom		Вацкооти	111
g	6-1	2178	8.77	6.B0	0.21	8.65	+ 5'64	7:57	2:17	+ 5*14	810	4	la .	(Bearthoon	10)
- :	, ,	-							10 40	0.41	9.0	1.9	Rameguage	···{	West Burdwan	***
9	30.0	8.100	7:11	1.84	13.41	8:59	+ 7-85	11700	3142	н 7 жи	6-7	9.1	Berhampore		Moorebedabad	
0	0.3	4,16	2.63	1170	10% 6	7:28	+3'16	7.00	4/33	+2.31	3176	2*4	Relshnaphar	,	Nucltica	100
in i	871	0147	1.18	1.02	0.76	7:83	-1'07	2.60	4:00	-1.61	1:3	ш ь		5.	Jessore	*11
												20	i razors		Khodian	+==
1	8.6	148		2,118		12186			2:66			2817	Chittagong	100	Chittiwong	144
		4.00	0.37	5'80	6745	12:11	turbak	264	6.04			411	Demagir;		Chittingong Hill 7	rnots
3	P.9	0:79	0.00	5.92	9.50	D-27	-0.65	7, 171	5168	-3.02	1.0	381.8	Barrigal		Hackergunge	rė i
3 .	0.3	0.50	1'02	4.09	grua	18:40	- \$17 + \$10	1 11	7'57	— a**i3	1.9	511.4	Nonkholly		Noakholly	164
1	67	2.07		E.00	4 77	10.03	+ 510		0.72	-4:50	20	2.7	Parroutpore	dan	Purossipore	1+8
Ü	716	0:41	1.12	2124	6.02	10.23	—8 8s	110 b	6:25	- 8167	2.5	4115	Danca	P4 -	Uncea	
9	6.0	1.9B		0186		12.31			612%			8.2	Commillah		Tinnersh	
설	D-0	7'45	2.90	2:36	13'01	11:11	4·1°90	9.54	13/196	+3.45	3*8	371	Mymonsingh	***	Mymansingh	44.
V1	10.0	23.09		1'01		8189			F-07		510					101
	9 6	15'17	B*05%	1.00	10.78	8.22	+2.00	B'10	5'26	t. p.Pohiti.	8 17		éRogerra		Bogen	+4+
3	8.6	7:08		1-29		0.80	1 4 4 4		4.70	+4"20	5.0	8.4	Serajgungo	A1	Pubns	Bell to
1	7.9	13 40	9*46	0.80	18'30	4:55	+7*75	11.66	8'84	+ 8**3	6.4	1/9	Sampere Beau	lepli	Rajabahye	h iệ d
	, -	20 07				36 (24)			# 10	7.9,0	4.3	1.8	Makhdi	41"	Maidah	44.4
60	0.7	27'05	T1.88	1.79	10.89	6'4L	+0'94	10,70	418	+10705		<u>a</u> -12	Dimmepare		Dinagapore	Ha
0	47	13'67	10:48	2.76	57,54	12:21	+9177	ماني الثلا	F-38	+10°D3	818	210	Rangpore	141	Ringpore	F8.4
a	9:0	12:18	10.01	2'00	K1,38	15'03	e-31	400-	30:37	+ 6.72		8.7	Julpiguroo .	51	Julpigoroa	489
												0,	authienton .		Couch Boker	***
n	0.2	12'40		2.28	7.445.1	31 81			7/23		542	370	Darjeolag		Darjeeling Hill Gu	reloti
n ¦	8.8	19*91	11.00	0.80	10.20	4101	+11%	10 41	2:07	12'80	47	1:3	3º strescoule .	5	Purnoah	4+4
			4.44		7'05		+ 6170	, -			417			"į	North Bhagulpon	1
44	Die .	4100	6.48	0140	7-20	E-35	+ 4.64	674	1.10	H 5107	375	O.H	Mozufferpero		ilmaniferpore	461
18	9'0	4.20	1'41	0.23	7.61	M.883	-0.57	No sole	1514	1 5105	470	0.7	Durbhungs	***	Durbhanga	101
10	811	0.85	2'56	0.50	4.81	3.00	+2:72	15°444	1'77	+0.10		19	Matshara	*	Chumparan	101
601	7.7	B-04	2 20	.0 44	- 01	E.00-	1 4 4 5	6,00	1'00	+ 3'80	2.3	W16	Chapra		darua	***
ic.	8'0	5.00	2100	0.28	0.02	9.46.5	+6 193	6'01		1.5148				(""	Mhalis Isa	
,	9:3	7 97		0.352	-	1/11		0.01	0.23	1 # 46	8.9	0'7	1	··· }	Shahabad p	9404
4	6:3	3 63	3.40	0.56	0.93	1:76	F-8107	0.00	1,33	+3.112	8-8	0.7		/	Gyn	
10	10.0	7:07	6-20	0.40	7'77	1103	+5*64	7172	1.57	+ G*68	410	0.7	Gya	***	hy.	**-
				- =0		2 (63			4 25	. 4 =0	4.78	1.1	Bankspore	404	South Bhagulpere	7"1
0	6.8	4.91	6.02	0147	8167	2:31	+ 5 36	7 %a.c	3149	45'93		10	Bhagalpore	{	Munghyr	
Ç	10rg	7:08	7 07	0.89	13:12	3.60	+9'43	11°66	27.23	+ 9*60	2:3	1.9	Domnka	111	Southal Parguana	hop , ,
57	8%	134		0.76		2:78			1'60		au.	1.6	Haunribagh	814	Elazaribagh	- ,,,
z	516													,	Loharduges	444
		0.47	1'87	8.65	7'26	2:01	+672	0.29	1168	+ 4190		1.7	Ranchee	{	Мацьноош	
0	6.7	1100	3.38	0189	11'46	6'18		6'61	II'sa	+ 6166		\$15	Chyebaan		Singulacom	ng gale
βİ	814	6'47		Horse			+7*36		B-11-14			*****		-1		
ı	8:4	0.22		Parket		******			4			4		1	Assert in m	411
90 ;	0.0	11'67														

ta. The variations are saysfree when the mean for the week is less than the corresponding normal mean, and positive when greater.

Soling cloud amount represents the part of the sky covered, the whole sky being accorded by to. Under the load "District observations of rainfell the normal mean and. The interns of the district are the numerical averages of the rainfell return received in the district, i. s., from the total rainfell at the sub-division

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 3rd of June 1887.

						AINPALL			-	Tor	-	Trans-1	Average	Ria Acci	
Mateurological distaios.	Dhatret.	Ristian.	Saturday, 25th May.	May. 29th	May.	Tuesday, Blat May.	Wednesday.	Trusciny, 21d	Friday, 3rd	Number of	Rainfall of nerth.	Total ram- fall since 1st of May.	total rain- tall from lat of May.	Total min. fall sinus 18th May 1857.	Ave- rais feam 31 to d
ORIGINA	Panren	Former Kloredoh	0'05		gpe+#1	**	*******			Nii Nii	N.6 0.03 N.6	2145 2145 2170 33134	9:70 3:05 2:74 9:02	1'56 1'37 1'50 13'2;	(
		False Point (lop Piph		******	1		***			Nil	20.0	5120 2164	P	8168 2146	
	Catholi	Jagatzkigpore ifauki Cuttack Kondinjara Jaipore	0.85			1681 P 8841 Ph	444 ·			Nit Nit Nit Nit	NH 029 Nd No 035 Nd	6.73 2.04 6.83 7.03 10.45 1.73	9 455 677 651 6 104	4-28 1-48 3-00 6-21 2-40 5-63	
	Helenge	Salipere -	111.14				14111			11.4	Nil	2:90	8:16	2.80	
	Unlessorter .	Chandbali Hinddraok Sorali Halisoro Jelissoro Raripoddah	9/45	0.01	-14-4-		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-11 -11 -11 -11	10.00	NII NII NII	NII NII 3145 NII 0103	11:43 9:41 11:45 2:40 0:63	5 79 5 71 5 70 8 31 8 37	876 8751 20'61 1*18 3'48	
STEGAL.	Midnspore in	Contai Sauger Island	(0) 0.10	ur Ri	411 *				.,	2 1 Nd	0:11 0:19 Nit	3178 8101 4141	8/94 8/44 5/67	515 276 230	
CYEN L.		Tumlook Midanpers (Jhattel	441 .	(1.55	114 ·	6182 6144			0-10	3 1 Ni)	0.00 0.00 5.11	0.79 4.01	5 (la) 5 (s)	\$156 \$156 2381	
		Heria Heria Bhapwanpare Garbeta	\$1.622	-1-441	11 - 12	0.778		*****		Nil Nil	Nil Nil 873	41 P3 9140 4182	9	2,312 5,312 6,529	
	24-Pergannalis	Diamond Bar	0 119	1111		0.10		HILLIAM	40-11	N il	area Na	8785 613	E*89	5.02 5.02	
		Canneny Town Allpure Jail - Rarrackpore.	0.85	*** **	#14 · · · ·	0.535 6.535			- 4181A 	2 2	1 27 1 50	6 49 7 44 9 51	0.90 0.83 0.03	3 104 3 104 3 104	
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Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 3rd of June 1887-cmtd.

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Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 3rd of June 1887-cene d

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CALCUTTA, the 7th June 1887.

SUMMARY OF THE RAINFALL AND METEORGLOGICAL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE 3RD OF JUNE 1887.

It will be remembered that a rather fierce but small cyclone, which had formed in the centre of the Bay of Bengal, had crossed the coast between False Point and Saugor Island on the morning of May 26th. It then continued to travel in a north-north-westerly direction through a part of Orism and South-West Bengal, then through Chutia Nagpur, and at 10 a.m. of May 27th, the last day of the previous week, the centre of the storm was between Gya and Hazaribagh. At this time the storm had become comparatively feeble, and it was evidently rapidly filling up and disintegrating. A strong burst of south-west monsoon winds followed in the rear of the storm, and these monsoon winds were decidedly more pronounced over the western divisions of the province than elsewhere, and the current flowing over East Bengal was comparatively feeble. The excessively heavy rainfall brought up by the cyclonic storm to the districts through which it passed was also noticed

in the previous report,

On Saturday, the 28th, a very rapid increase of pressure took place over the whole province, the rise being most rapid in South Behar and Chutia Nagpur. These changes accompanied the rapid filling up of the cyclonic storm, and on this day the storm had practically ceased to exist as unything more than a pronounced barometric depression. centre of this depression was to the cast of Gva, and therefore the storm, or what remained of it, had remained practically stationary since the 27th, or perhaps had only asvanced very slightly in a westerly direction. Winds, however, continued to circulate cyclonically round this centre, and both over the area occupied by the depression, and to the south of ir, strong winds were blowing. The storm was thus clearly and rapidly breaking up, and with its disintegration excessively heavy rainfall was reported over Behar and North Bengal. On the 29th pressure again increased, the rise being largest in South Behar, where at some stations the increase exceeded a tenth of an inch, and on this day even the slight barometric depression, which was all that had remained of the previous violent cyclone, practically filled up and disappeared. The life history of this eyelone may therefore be said to have lasted from the 19th or 20th of May up till the 29th, a period of nine or ten days only, of which the first two or three days, up till about the 22ad or 23rd, were occupied in its development and intensification, the next two or three days in its advance over the sea, till on the morning of the 26th the centre of the storm crossed the coast a little to the east of Balasore, while the remaining three days were occupied in its advance over the land and its rapid diminution in intensity, until it finally died away in South Behar on the 28th and 29th. Though generated decidedly rapidly, it was of very much greater fierceness than is usual in storms formed at the commencement of the south-west monsons, but on the other band it was comparatively small, and the destructive part of the cyclouc, or where the winds were very intense, does not appear to have been more than perhaps 100 to 150 miles across.

Though the cyclonic storm thus ceased to exist on the 29th, or early in the week under review, the rainfall which was brought up by the storm itself, and the rainfall due to the powerful inrush of monsoon winds in the wake of the storm, continued for several days longer, and in some districts rain has practically not ceased throughout the week. The storm may in fact be said to have commenced the rainy season in Bengal, for the southerly monsoon winds having once penetrated over the province, they will probably not again retreat, though of course a diminution in the strength of the current must be expected before a further inrush of monsoon winds accompanied by heavy rainfall will take place. The rainfall which was brought about by the storm in its disappearance, and the rainfall subsequent to it, has been of extraordinary heaviness, and some stations have reported nearly 20 inches of rain within 34 hours. These heavy rainfalls will again be referred to under

their appropriate headings.

After the disappearance of the storm, the meteorological conditions over the province gradually became more normal; pressure commenced to oscillate slowly as is usual; winds steadily fell off in force and became more moderate; temperature rose until it became more nearly normal, for with the excessive rainfall temperature had been very low; and finally rainfall diminished, though still the weather remained to a great extent that of the rainy

season in Bengal.

Pressure—Has again to a certain extent been dependent on the cyclonic storm above referred to, and at the commencement of the week it was rather largely below the normal, the defect being greatest in the west of the province. With the rather rapid rise of pressure which followed after the disappearance of the storm, and when conditions became more settled, pressure at the close of the week became decidedly above the normal at most stations, and on the 3rd the excess varied from about 0.01" up to 0.05". For the whole week the variations of the mean pressure from the normal have been comparatively small; at a considerable number of stations the pressure has been slightly below the normal, but at the majority of stations the mean pressure has been above the normal. Pressure has been most largely above the normal in East Bengal, where it averages about 0.05", but at most stations the excess is not larger than about 0.02" to 0.03".

Temperature -- Has been low in those districts which have received heavy rainfall, and in particular it has been extremely low in Behar. In South Behar the average mean

temperature for the week has been no less than 11.1° below the normal, while in North Behar the detect has been 9°. In Chutia Nagpur the defect in the mean temperature has been 6.2°; and in South-West Bengal and North Bengal between 3° and 4°. In Assam and Orissa the detect has been between 1° and 2°; while on the other hand the mean temperature in East Bengal has been slightly (0.3°) above the normal. For the whole of Bengal and Assam the mean temperature for the week has been no less than 4.5° below the normal.

Rainfall.—The rainfall over the province was heaviest during the first four days in the week, and for the last three days it has been decidedly more local and lighter. This has been particularly the case in South-West Bengal and in Behar, but in North Bengal rainfall has continued longer, practically till the close of the week, while in East Bengal the rain only commenced to fail when it was ceasing in other districts. As has been previously stated, commenced to fail when it was ceasing in other districts. As has been previously stated, commenced to fail when it was ceasing in other districts. As has been previously stated, some extraordinarily heavy falls were reported during the breaking up of the storm, and according to well known physical principles, the fall has been heaviest in and near the hills to the north and north-east of the province. The heaviness of the rainfall will be shown by the fact that at Dewanguej in the Mymensingh district the excessive fall of 19:67 inches was reported on Jane 1st. The following stations have also reported amounts in excess of ten inches of rain in a single day during the week:—Sernjgunge, Nowkhilla (Bogra district), Durgapur (Mymensingh district); and the following amounts between 5 and 10 inches within 24 hours.—Meherpur (Nuddea district). Ann, Mymensingh, Janalpur, and Netrokona all in the Mymensingh district, Sherpore (Bogra district), Mohadebpore, Churamon and Dinagepur in the Dinagepur district, Biowanigunge, Bagdogra, Rungpur, Julpigori, Debigunge, Dinhatta, Shiguri, Kissengunge, Arrareah, Purneah, Muddapur, Monghyr, and

The rainfall for the week has consequently in many districts been largely in excess of Gogri the normal for the period. North Bengal has received the largest fall, and the average of all the stations for the week shows that 12:10 inches of rain were received, while the normal fall for the week is only 2.09 inches, thus showing an excess fall of more than ten inches, and that the actual fail was about six times the normal. In North Behar the average fall for the week has been 5.77 inches against a normal fall of 0.61 inches, and thus the actual fall is about nine times the normal. In South Behar the average fall was 5:30 inches, the normal amount being 0:50, and thus the actual is more than ten times the normal. These represent the districts in which the falls have been heaviest, and the next largest fall has been received in South-West Bengal, which has averaged 2.55 inches against the normal of 148 inches; Chutia Nagpur has also averaged 1.65 inches during the week against a normal of 0.72 inches, so that both these districts have received falls much larger than the normal. East Bengal and Orissa on the other hand have received falls decidedly smaller than the normal. In East Bengal the rainfall for the week has averaged accidenty smaller than the normal 2.72 inches, and the fall has therefore been 87 per cent. of the normal, white in Orissa the fall has been only 0:28 mohes against the normal 1:16 inches, and the actual has only been 24 per cent. of the normal,

The rainfall in Assam can only be judged of from the reports received from three stations, but it would appear that the area of heavy rainfall brought up by the storm has extended to this district as well, and particularly in Cachar and in Sylhet the rainfall appears to have been excessively heavy. The actual fall at Silchar during the week has been 11-57 inches, at Dhubri it has been 8-22 inches, and at Sibsagar 5-47 inches, thus showing that a very heavy precipitation has been taking place over this area.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisious of the Province for the week suding Friday, the 3rd of June 1887:—

		ì	KMREI	LATUR	M.					36	ATRPA	Li.				
	mee's.	meek.	A. vorme	on for	week.	above of	()] wes	k.	Ba	uny di	lys.	Singe M.	lill of by.	Maj :	1857
MESSACHURS (Freenture)	Highwat abserved during	Lowert observed during	11 highest of each day.	** Tower of each day.	Of mean for each day.	Average ment of wark a below aprintal mean of	Arrundo.	Normal average.	Ferration.	Average number in reck,	Normal average note- ber in week.	Farialish.	Stemate.	Normal average	A torage.	Hormal average
THE PARTY OF THE P	160.4	72.8	92'6	0.18	66.8	-12	0'25	144	0'68	816	210	+1'7	7:35	4'80	7.83	Z'i
outn-West Bengal	97.6	69.6	91.0	77'8	86'6	-85.	2.55	84*1	+1:07	1.0	E'3	+ 0.3	8103	6.18	5.92	â
last Rengal	06:4	7,118	69'3	77'0	83.1	1-0-5	2188	9.75	0'84	2.2	8'8	-1'0	8.00	11:14	6106	
orth Benral	414.16	07:7	45°E	75'8	79-0	-81	19:10	2'09	+ 10.01	510	216	+3.0	17143	9.50	10.20	6
Corth Hensy	0815	70 8	89°P	741	7914	-0.0	6:77	0.481	+416	6'6	1.0	+2.0	9.15	3.14	9.49	1
	01:4	60'0	841	70'6	7910	-1111	6'80	0.98	444160	3'4	1.0	+3*6	9:07	9-26	8.44	1
4 W	no at	68.7*	88'0"	74.2"	81:1"	-6'2"	1'05	0.72	+0.83	87	1.7	+10	6.80	9:61	6.87	1
inter vetour	6/91-6	71.3	15'3	7614	79'9	-1.7			1						,	

* Obyghama net included.

METROROLOGICAL OFFICE, BENGAL;
The 7th June 1887.

A. PEDLER,

Off. Meteorological Reporter to the Goot, of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of May 1887.

		Inches.	Bate. H	OTF.
The mean pressure of the month		29:625		
The average pressure of May from 24 years' regis	ters	29 656		
The highest pressure in the month		29.866	5th I	Oh.
The lowest pressure in the month		29.411	26th	6h.
The range of pressure	* * * *	0.455		
The total number of hours of bright sunshine duris	or the month	Hours. 197:1		
The maximum possible number of bours of sunshin		408-3		
A STATE OF S		000		
The mean temperature of the month		85.0		
The average temperature of May from 24 years' r	egisters	86:1		
The Linkage terminanture in the mount		98.9	18th	
dest is a second of the second	41	65:0	Srd	
The name of annuarration during also month	480	33:9	42.1	
The server deller annual of the server		15.2		
The second second of transport in the 24-	71 140	25.0	3rd	
		Per cent,		
The mean humidity of the month		troy.		
The average humidity of May from 24 years' regi-	stera	9713		
the grand hamidal of past and an hear and	sters	1 4%		
		Inche ,		
	44 461	0.021		
The average vapour tension of May from 9 years' r	egisters	0.933		
The mean cloud proportion of the month		2.30		
The average cloud proportion of May from 10 year	s' registers			
The total rainfall of the mouth		5.17		
The total rainfall indicated by a Beckley's self-reg				
gauge (mouth of the gauge about 52 feet above				
The average fall of May from 48 years' registers		5.40		
The greatest fall in 24 hours		1 0.0	26th	
The State of the S		Daya,	~01L	
The number of rainy days in the mouth		. 11		
The average number of rainy days in May fro	m 24 verra			
registers	,00.0	13		
The mean maximum equilibrium temperature of a	olan vadiation	Θ		
		2007-3		
The mean difference of sun and air temperatures		E 14.43		
The greatest sup temperature		1000	24th	
The greatest excess of sun over air temperature		25.4 - 01	25th	
The mean temperature of the nocturnal radiation	thermomete		NO CIT	
on woolen cloth	-171.7 112.0131.040	73.7		
The mean depression of the nocturnal radiation	thermometer			
below the minimum air temperature at 4 in				
ground	100	2.0		
The greatest depression of the nocturnal radiation				
below the minimum air temperature		9.3	Ist	
		Miles.		
The mean movement of the wind per day			0.0.1	
The greatest movement of the wind in one day		473.0	26th	
The greatest movement of the wind in one hour	PPI .	30.0	26th mid	to l A.M.
-				
The unmber of hours with winds from each of the	a horara—			

N. 13, N.E. 46, E. 104, SE. 170, S. 801, SW. 86, W. 10, NW. 12, Calm 2.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park-street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore '003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0.5° higher; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

Markonolugical Office, India; Calcutta, the 6th June 1887. A. PEDLER,
For Offy. Meteorological Reporter to the Gout. of India.

Results of the Meteorological Observations taken at the Alipore Observatory from 29th May to 4th June 1887.

			bright	Tomos .	T	OMPHE.	ATURA.			Нтовоз	ABTHT.		Winds.			
Month.	Date.	Maximum in 182.	Number of hours of	Men pressure bares	Meno.	Miximum.	Runge.	Minimum.	Mesn wet bulb.	Vapour tearion.	Bee point.	Bamidiey.	Provailing direction.	Miles recorded.	Mate .	W MATTER.
1887.		0		Inches.	0	0		0	0	Inches	0	%			Friedman,	
May	29th	151 2	6.2	29.678	854)	ΩÚ vÀ	9.8	80.8	80.8	0 993	70.0	82	S and SSE	289	0.02	Chiefly cloud
11	SOth	149-0	47	1704	85-3	5041	10-5	80 4	80/3	BHM	78-2	80	Sand USE	228	Nil	Chindy closed
n	Blst	161-0	3:3	408	83.6	89 4	154	74/2	79.4	919	77'6	62	S and SSE	200	0.92	Chirfly cloud
June	let	140.5	Nil	-54.6	85-4	88-9	7:4	81.5	80 0	1984	78 7	81	SSW and S	261	NII	Claudy, o.
10	2nd	140.8	.,	450	66-D	80.0	7 3	62-9	81.4	1 012	79·6	81	88W and 8	290		Cloudy, a.
p.	3rd	140-8	0 4	-599	85*4	89.5	8:1	81:4	61:0	1 000	79.2	263	S and SSW	223	0.05	Chiefly elond
	dth	153-1	7-9	587	86:0	91:0	15.8	75-2	80.7	0.075	7815	75	S, SSW and variable	215	90.0	Chiefly cloudy

					Linuxien
The mean pressure of the seven days The average pressure of the corresponding period	nd for 24 ye	ari, S. G.'s	Office	101	29·610 29·5×2
The total number of hours of bright subshine. The maximum possible number of hours of subs	shine	184	-41 901	- 25 4	21·5 93·6
The mean temperature of the seven days	># >	-184	-91	111	65·3
The average temperature of the corresponding po	eriod for 24	yours, S. G.	's Office	***	86 6
The extreme variation of temperature	4 0 0	***	* * *	184	16.8
The maximum temperature		44.6	180	104	81.0
The highest velocity of the wind to one hour	+111	> 10 P			Mfloa. 21
					Tos.
The highest pressure of wind on one square toot				N	ot measureable.
					10
The mean relative humidity The average relative humidity of the corresponding	ag period fo	г 24 унага, з	3, G.'s Offic	 6 ,.	81 76
					Inches.
The total fall of rain from 29th May to 4th Jun	e 1887	4.01	***		0.48
The average fall of the corresponding period for		G,'s Office			1.53
The total fall from 1st January to 4th June 1887			161		10 94
The average fall of the corresponding period for	24 years, S	. G.'s Office		ng b	10.43
	3 6				

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86,

formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The month of the rain-gauge is one foot shove the ground.

o overcast, g gloomy, d drizzling rain, p passing temporary showers.

A. PEDLER,
For Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA; Calcuite, the 6th June 1887.

Abstract of the results of the Thermometric Observations taken at the Meteorological Office, Chowringhee, in the month of May 1887.

		9	
The mean temperature during the month	107	84.1	Date.
The highest temperature during the month		101.5	18th
The lowest temperature during the month	-94	08:9	3rd
The range of temperature during the month		37.6	
The mean daily range of temperature during the month	***	17:4	
The greatest range of temperature in one day during the month		27:3	3rd
The mean humidity during the mouth	***	80 Lucher	
The mean vapour tension during the month	4 6 5	9.39	
The total rainfall of the month		6.17	
The greatest fail in 24 hours		1.34	13th
The number of rainy days in the month	143	14	days
	-		

A. PEDLER,

For Offy. Meteorological Reporter to the Govt. of India.

METROROLOGICAL OFFICE, INDIA; Calcutta, the 6th June 1887.

Results of the Thermometrical Observations taken at the Meteorological Office, Ohowringhee, from 29th May to 4th June 1887.

					Trmpun	TUHE			řl v	GROMETRY,		
Morti	ı.	Date.		Means.	Arxinatina.	Range	Minimum.	Mean wet bulb.	Vapour tennion.	Daw point.	Bundas.	Rain.
1887.				ū	U	u	ę.		Inchos.	Ľ	%	Luche
May June	144 414 441 140 940 546	20th 30th 31st 1st 2ml 3rd 4th	P4 8	84.7 85.1 80.0 84.0 85.0 85.7 84.8	91:8 92:7 91:2 91:0 01:4 91:0 93:5	10-0 11-9 16-0 9-2 9-0 9-1 17-6	81/8 81/8 81/8 81/4 81/4 72/4	81 1 78 4 81 5 82 1 81 9 81 9	1:016 1:023 -958 1:035 1:035 1:029 1:005	79 7 79 9 77 9 80 9 80 9 80 1	45 54 91 87 83 84 85	Nii. 0.43 Nii 0.12
3	The ex	trem	e var	rature of	of the sev tempers	ren days			181 181	***	84·4 19·9 93·5	
ŋ	l'he m	CAD F	elativ	re humic	lity	4.0					86	

The total fail of rain from 29th May to 4th June 1887 ... 0.57

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METROROLOGICAL OFFICE, INDIA;

A. PEDLER,

The 6/4 June 1887.

For Offg. Mateorological Reporter to the Govt. of India.

MEMORANDUM.

The principal Municipalities in Bengal (excepting Howrah and Bali from which no returns have been received up to date) returned, during the week ending 21st May 1887, the birth and death-rates of 15.9 and 24.0 per 1,000 of population, respectively, as opposed to 15.2 and 25.5 per 1,000, respectively, in the preceding week ending 14th May, indicating a falling off in the registration of deaths.

2. The highest proportions of births and deaths were returned from the following Municipalities:

1	Births.			Dec	aths.		
			Ratio per mulle.			1	Batio per mille.
Comillah	b = 4		83.9	Comillah	**:	101	6116
Durbhange	h = n		33.3	Gya,	+9.4		68.7
Scrampore	***	141	59.4	Pari	***	44+	89.9
				Suburbs of Calcutta	+9 -	141	36.8
				Bhagulpore		***	81.7

3. From the subjoined figures taken from the table appended to this memorandum, it appears that during the week under notice the mortality from cholera had on the whole diminished much, but that no noticeable variations in fatal results occurred from the rest of the death-causes:--

					Batio per mille durin	g the weeks ending-
Cholera	10+	464	451	+++	51st alay 1987. 5.5	14th May 1887, 6'5
Smill-pox	-17	4 * 4	* 4 *		*4	42
Fever			1.4.5	1 = >	7:5+	8.6
Howel-complaints		441	***		3.2	2.0
Injury	**	***		F 41 4	-33	-3
Other causes	44 -	***	4 0.0		6.7	7.1

4. Of the diseases indicated above, excluding fever and injury, the easualities from which were nowhere large, and small-pox, which proved notably fatal only in the Bhagulpore town, viz., at the rate of 2.7 per 1,000 of population, cholera, bowel-complaints and the maladies grouped under the head of "Other causes," caused the greatest loss of life in the following Municipalities:—

	Cholora.		Ratio per	Bowel-comple	tinte.	Ratio per	Other causes.	Ratio per
Gya Suburbs of Patna Rusdann		+ 8r4 - 5 - - 6 5 - - 6 5 - - 8 6 5 - 4 6 8	 18'4 13'6 13'2 8'1 6'1 3'1	Comillah Puri	++1	19-3	Gya Comillah Puri Serantpore	22.6 19.2 16.8 16.7

5. The death-rates in relation to Sex, Close and Age were returned at the rates noted below:—

	According	to Sex		According to	Class.		1	ccordi	ng to Ag	e.	
			Ratio pur mille.			Ratio per					Antio per milla,
Males Female: Katio c every		aths to deaths	25·2 22·7 123	Christians Hindus Maltomedans Budhists		2816 2616	5 16 20 30 40	under	5 years 10 ,. 15 ,, 20 ,, 30 ,, 40 ,, 60 ,, 80 ,,	### ### ### ###	177-4 46-0 14-7 11-2 17-2 18-0 19-4 13-1 22-3 52-0

R. Lidderdale, M.D., Hepuly Surgeon-General, Sanitary Commissioner for Bennal.

The 6th June 1887.

1		:-	1		ļ	1													MO	RTALI	I'Y AC	MORTALITY ACCORDING	MG TO	1					
		5	POPULATION	施			C	BURTHS.										Disease	1									Baz,	
	HAMMS OF MUNICI-				NUMB	NUMBER OF		RATIO PUR I,000 OF POPULATION PER AMBUM.	A TION		1		DRAS	DEATES PROF	ļ.			ELTIO	Of District	1,980 0	O OF POPU	Eatic per 1,900 sy population and M.	27	at anure	Бытн		RATIO PER LONG OF PUPULA: TION PER ANNUM:		
912121212121212121212121212121212121212		Makon	Fomales	Total	.40lsk.	Petualon	Lower	Males.	-JenoT	tuditrid of any to oitasi and fraid alagred dut	Cholora,		Perens.	Howel-tomplaints.	1n)m.	.mannestib gn/(2()	All cantou.	1, Holeta.	Mithall-poin,	Forest	Rowel-completes.	Lujury.	А12 свлияв.	regardinary to obtain a 3-sy multa mone also we undersurged	.esiah	*witamoT	Жијон.		Estion of male destituto every 100 temale destitu
Bardwa	Bardwan	18,065	16,017	36,090	61	-	40	3.0 61	1 0.1	-	\$ 00	-		1		61	21	7,0	-	- 61 - 61 - 61		Ç.S		14	42	Per	14.4	51	11
Midnepore		16,927		23,560		eil.		77.00	0.3	WAR	5		ţ=	-			e.		-	F.	-	19	13.9	P-	+	10	12-3	15.41	8
Kapphii	Rughil and Chineurah	071,01	19,539	36,719	D)	100	-	Tê LEI	7 15.8	Ŧ	-	:	9	95	:	:	ė.	:		- 6	0.7			1.04	67	100	2.6	10.01	45
	(Bertapore	13,539	12,977	28,406		an	15 1	11.4 17.5	9 20.1		46	:		47		20	40	_		1.9	p y	15.22	17 17	2003	G.	10	1 1 80	ht.	920
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HOWPIN	Ball							-									-	_		-	-		-					_	
M-Pergunnake	Saborba es Coloutta	147,206	101,521 (25	251,439	3%	150	**	7.4 7.6	12.1		67 IA		-5	31	dell.	23			-	5.01	-	20 -		1.02	5	6	***		154
	Kehnegaur	13,263	14,214	27,477	-74	Ē4	=	13.5	192	16		+	_	;	;		91	-	7	6		<u>-</u>	90	12		61	:	7.3	No male desila
Maddles	Rengthat	4,048	4,063	B,653			1	-	h Pri	;	-	-	:		-	-	-	:	:	;	_						:	-	***
	- Gentipore	13,708	18,979	29,PV7	VC	16	5	6 24	1 17.5	INI	- E	_;	10	:	;	:	ν,			or or	_		7	41 F:	===	>1	-	2	100
Johnson	Jessord	4,830	3785	8,460	1				7	No females		.!	_	2		!	\$1				-	_	7 a 	17		71		No Fa	male deaths
Rejshahyo	Bempine Beatlesh	10,72	H. M. M.	19,711	m		-2	26 131	3.53	-		-	act	-			1*		_				4	200	÷1	.5	3.	24.kg	Q
Darylling"	Darjiling	5,000	291675	B28, C	:			W	200	berlin.	1 1 1		-	21	:	ř	77	1			Hard I		2.61	Duff.	-	91	* 01	20.00	8
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÷	_	2,605	4,250	18.581		31	27	S	2 8.3	-	-	:	_	:	-	: '	21	-		1.		: : :	T :	21 3		01	_	de la	No make deputs
Claittagroug	Chittagon	13,540		22,130	gr)	e5	=======================================					-		-	:	\$) 6	, -	-		_	7 7	- 1		4 7	-	24 6		11.8	
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Notice and the second	Bhartilpore	013/01	180	57,453	10	. 0	91	9.1 2.4	14.2	961	53	-	ā	M2		40	4	- - -			-		7 10	91	=	-	yr Jar gel	5.02	1.
Monthyr	Monthly	98,154	-	57,520	11	52	of a		- F	46	88	44	9	r)	-	9	33 -	g.	<u>10</u>	 	[% 04	6 P			9	12		0.85	7.6
T. Book in	Furnessia	24.	6,553	15,0;4	4	10	10	23.5	4.05	2	1			1	;	÷	-	:	-	23	_	-	n	19.	-	3			No female descha
Picel	Pour	15,247	11,537	24,794	51	47	10	91 90	9 10.0	_	· ·	:	ŧ	r-	~	ot:	å	55	-	-	147	13	3	1.00	or.	=	1.12	9.61	41
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Gys	Parma Offy	:	3	91	i	***		_	D4					100	ш3	П	40	62	4	12	80.3	H	21,6	27		6.41	13.4	8.3	14.7	
Ministration Mini	673	÷	91	7	į	:	1		5.0		:		40	_	4	90	0	-	9	21	6.63.3	163.7	2.60		19.6	92.0	300.8	With Militar	4-24	
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## Chapter F 1 1 1 1 1 1 1 1 1	:	:	#1	10	;	1,	1		97	*		_	*	qui	1	-	69	È	49	63	0.000		5.92		D	2.3	9.5		9º 10	
** Abbreviation** ** ** ** ** ** ** ** ** ** ** ** **	Chaptel		44	-	F	i	:	1.3	42,4	1		*	į		ž	÷	· ·	2 4	ŧ	=	7.50	**		48 - 2.0		1	1	*******	à.	
Mounthyr	Bhaqulpan		10	10	:	;	1		1.00	4		0		:	95	WI	603	Ú1	Qu.	-00	448.5	78.8		-	27.3	100 100 100	11.4	100	9.86	
Post		ŧ	8	19	:	;	1		17.00						_	100	:	pen	i	10	2001	1.51	-	I-d	12.0	151		-	i	
Poorts 10 40.3 52 60.9	-	!	!	7	ì			Ē		:	:			;	:		1		į	:	*******			-	1	1	and the	-	No.	
	Poort		2	:	=	-		\$1.0	 }	.		:	:	j		Po	- [9	4	23		adeast .	***************************************	-		68.3		6.08	2.98	

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

ORISSA COAST CANAL.

LENGTH OF CANAL PRES, DI MILES.

Statement showing Quantities of Goods carried during the mouth of April 1887.

1		HIAL GOVERNMENT	AND PRIVATE.		Pawani	- !		
nhet of DHECHIPTION,		Quantity Tons.		Varuo.	Quantity.	Value	(FWARES.	
2M 1-21	Tμ	Down,	Total,	ampross,	Tons	Rupews.	200	
1. Grain	2,910	25	2,935	74.117	2,935	7 (.117		
2. Cott n ···	H + + 0 D H							
3. Oilseeds	() () () () () () () () () ()	100	100		41 11	41141		
93 4. Salt	-,	180	182	10.242	182	17,243		
5 5, Piece goods		14	14	14.200	11	14,200		
5 6. Metal 7. Puilding materials	164	4	168	4.54	Ġ	950 86		
and the same of th	101	262	303	01,850	30.5	31,859		
12 12 12	45	130	205		160	1,592		
The state of the s		6 e. It	6 c. ft.	23.3	G e ft	25		
mits 11. Bandoos	890 e. ft	., ., 1	500		200	48		
2 & 12. Total	3.252 & 890 c. ft	0.27. & 1 6 e. ft.	2,877 & 3,877 &	. } 1,64.185	(3,670 &)	1,33,413		
and 13. Total of same mont			6 57,000 K 67,000 e. ft		1 57,557 & 1 57,500 e R. 3			
			£7,500 e. ft	5 60,000	27,300 a.R. 3	09,191		_
Total number of boats plying	Uρ.	Down.	Tetal.			Rs.	A	
eargo No	415	487	902	Total tolk 24+25+	ice of month 26	3,859	0	
Total number of boats plv- ing passonger No.	16	19	55	Total (o)	lage of san	n e		
Total registered tonnage,	6,008	8,101	9,112	month la		2,355	4	
fotal registered tonnago, passonger	24	30)	51	.11	lemorandum of	Tollage.		
Tou mileage	1,51,005	67,955	218,960	1		Rs.	Α,	
Estimated value of cargo Rs.	72,189	61,878	134,06\$		tije lst of the			
Number of passengers	40	Ges	117	mon		131	15	
Rafts, bamboos c ft.	890		800	2. Tollag	e per month .	3,859	0	
De, bullahs	4 > 1 7 8 7	6	6	1. 1.	7 1 22 22 22 2		Ľ	
Estimated value of rafts Rs.	48	25	73	J. 3.	Total .	3,990	15	
Tollage on boats ,,	2,656-7-6	1,191-11-6	3,848-3-0					
Compounded tollage on	4 4 0	dr dr sr	7-7-6					
buats Rs.	1-7-6	6-0-0		4. Amou	at paid in	to		
Tollage on rafts ,,	8-1-9	0.4.0	3-5-9	trens mon	ory during th	3,326	10	
Total tollage on boats per ton-mile Rs.	144017	*****	(1-0-5					_
Total tollage on raits per			0 6-0		e duont the en	664	5	

The 7th June 1887.

C. W. I. HARRISON, Livet. Col., R.E.,

Offg. Joint-Secretary to the Government of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

CALCUTTA AND EASTERN CANALS.

Statement showing Quantities of Goods carried during the month of April 1887.

lumber of					ENT AND PRIVATE.		PRIVAT	
boats or	Description	ost.		Juintity - Tone		Value,	Quantity.	Vulue.
			Ľþ.	Dov n.	Total.	Rupeus,	Тоця.	Rupses,
784	1. Grain		13,206	22 484	13,296	8,81,574	13,206	8,81,574
*****	2. Cotton			100	881114 400.0	45 000	A00011	*****
49 206	3. Cilareds 4. Sult	49	446	2,601	478 3,045	47,850 2,55,837	478 3,045	47,850 2,55,837
200	5. Piece-goo	da	31.1	******	******		0,010	****
24	6. Metal	* = 1	60	7	67	23,595	67	23,595
112	7. Building		4,203	50	4,255 18,788	+63,669 +15,55,862	$\frac{4.255}{13,788}$	63,660
$\frac{1,116}{548}$	8 Mis allane 9. Fuel		13,059 11,262 ×	7:00 8:02	12,064	1,04,501	12,004	15,55,862 1,04,501
	10. Timber		*****			*****	111111	140/29001
	II. Bamboos	***	*****	*****	***		44	1
2,810	12. To	fal	49,650	4,258	46,903	20,02,888	46,903	29,32,888
2,626 2 rafts (1	13. Total of s	ame mon	th last year		38,750	20,73,117	89.756	20,74117
	,	1	Pp.	Down.	Total.			Rs.
		1		_		147 A		
. Total n	umber of boats	s plying					ge of month	
carg		No	2,530	283	2,810	24+25+3	,0	24,077
a. Ditto	empty ditto		*****	,	2,200	Total tallage	of same mon	th.
model -	umber of boat	to a larie e				last year		22,647
	onger or non-	No.	115	2	117	V		
. Total	registered to	onnage.				_		
carg		Astronolic 4	1,22,996	10,789	1,33,785	27		dT. 22
			1			Mes	norandum of	Tollage.
	registered to		7,450	175	7,625			
	enger		1,1200	110	1,1740			
Ton-mi	ienga.		4 = 4 + 4	*****	14.544	1 1 1		Rs.
Estimat	ted value of on	irgo Rs.	26,54,813	2,78,075	20,32,888		not recovered at of the mon	
Number	r of passonger	·s	601	5	606			
Rafts, 1	bamboos	c. ft.	4 - 5 - 1 + 4 +	*****	4 11 4 + 3 4	2. Tollage p	er month	24,077
Do, b	ullahs	71	****	****	**-**			
Estimat	ted value of re	afts	******	4+4+++	*****	3.	Total	25,657
	on boats	Rs.	21,434-3-6	2,643-9-0	24,077-12-6			
Tollage		е оп						
	inded tollogs	Ra.	9-8 4 5 B M	400-68	400319		paid into tre	
	unded tollage 6	Avo.			401111	month		he 25,348
Compos boats	6	23		101:00				
boats.	on rafts	29	,	101-11				
boats.	on rafts	29	4	#### + + + + + + + + + + + + + + + + +	10 to 10 to			
Compos boats Tollage	on rafts ollage on bo	ats per		#### 100	80 8 100	R Pal		
Compose boats Tollage Total to ton-r	on rafts	ats per		M46700	ស្ន ុ ានន		due at the en	ad. 308

ARTICLES OF TRAFFIC INCLUDED IN ITEM 8 (MISCELLANEOUS).

CALCUTTA AND HASTERN CANALS.

					POTAL GOVERNMENT	NO PRIVATE.		Рице	ATE.
gista ini Bita		Description.			Quantity + Tons.		Value.	Quantity,	Vidue.
				l'p.	Down.	Tutal.	Rapees.	Tons.	Rupers,
138	(a)	Jute	D 1 4	3,425	,,,,,,	3,425	3,83,624	3,425	3,83,624
₹ 37	(b)	Jaggery	**:	507	8	515	48,290	515	43,290
17	(c)	Sugar		73		73	15,495	73	15,495
1	(d)	Тобыссо	İ	*****	2	2	875	2	375
246	(e)	Fish	***	121	W A d	121	08,817	191	33,817
Į,	(1)	Nides	442	4	h # 4 * * *	4	1,760	-1	1,760
75	(g)	Poultry		18	* 4 1 8 4 5	18	20,270	18	20,270
97	(%)	Hay and straw		655	1 > 4 F @ 9	655	13,752	(155	13,759
20	(,j)	Oils	***		1994	198	22,200	198	22,200
40	(k)	Earthenwrre	115-3	81	7	88	1,230	84	1,230
450	(m)(Other wiscellane	ous	8,175	514	8,689	19,20,010	8,689	10,20,049
1,116	Tot	al Miscellaneou	8	13,059	729	13,788	15,55,802	18,768	15,55,862

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

TOLLY'S NULLAIL.

Statement showing Quantities of Goods carried during the month of April 1987.

N 1 ···································		١.					PHIVA	
Number of boats or raits.	Descent11	CING.		Quartery-Pous		Value.	Quantity.	Value.
			Vps	Down.	Tyant	Rupees,	Tone.	Junpoon.
1,120	1. Grain		6,741	1.1	6,748	3.56,418	6.743	3,56,418
	2, Cotton		50		50	25,200	อับ	25,200
8	3. Oilseeds		258	741	20)	30,000	291	30,000
26		4 6 3	358	400	766	64,850	786	
(10)	4. Salt	1	41/200	-B C.	4 (11)		:	64,350
****	5. Piece-good		11.64		P. p. p c. h	* * * * *	******	
	6. Metal	***			4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	140 7/10	194788	744
323 1	7. Building	materials	2,184	1.1	5.484	10,721	5.481	10,794
818	8. Miscellane	90118 1011	2,210	87	2,997	2,58,033	2.997	2.58,033
238	9. Fuol	111	3,180	2.3	3,241	27,275	3,211	27,275
1 raft	10. Timber		2 No.	114 51 -	2 No.	80	2 No.	80
7 rafts	II. Bamboos	411	485	*****	4.5 ,,	60	4*5 5	LU
2,602 &	1.0 M		15,970 &	572	1 10,542 &	}7,72,140	16.542 &	7,72,140
S rafts	12. Tota		487 No.		1 487 No.	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1487 No.) ',' ','
₹ 001.5		. 4			(12,898 &		1 12,398 &	}
3 ruits .	13. Total of so	me monta	last year		1 947 c ft.	\$ 5,51,442	} 947 c. ft.	5,51,443
			$\Gamma_{p_{\star}^{*}}$	Down	Total.	1		Its.
		1				Total toll	age of mont	
Total m	umber of boa	ta rleino				:4 + 25		8 500
cing		No.	2,532	()	2,602			(1.50)
a. Dirto	empty difto		-4+1+7		688			
			'			Total tol		SING O
. Total n	umber of bout	s plying				in onth la	st year	6,520
	enger	No	218	11	2.50			
. Total	registered	tonunge,						
cargo			46,040	4,693	50,783			
			• • • • • • • • • • • • • • • • • • • •	4 150 10 20	777,1077	1	lemorandum o	Tollage:
. Total re	gistered tonus	ico. fuls-						
senge		Boi Ive	10.515	825	17,400		•	
N-MD			417,073	1.20	41,200			Rs.
. Ton-mil	ልተ ምስ							44.5
. Lon-ma	ca Bo		/ · · · · · ·	*** * * *				
Watiment	ed value of car		7,20,279	51 721	+ =0.600	1 12 -1		3
. Estimai	od ATTHE OF DE	LRo IIP.	4,30,344	01.421	7 72,000		not recove	
N71			1 -11	4.4	1.011		the lat of	
. Number	of passengers		1,311	34	1,345	mon	ти -	382
T1	a m.1	. Pa			40.5			į
. Raits, t	amboos	e. ft.,	485	***	485	D 100 33		0.500
Do.,	bullaha					2. Tollage	per month	8,503
		12		** ***	*****			
. Estimat	ed value of raf	ts Rs.	140	. 4	140	3.	Total	8,885
. Tollage	on boats	54	8,003-15-3	496-15-6	8,500-14-9		1 0 1000	
Company	nded tollag	Pa A	j					
						4 4		
boats		Re.	*****	*****	** 1 4 6 #	4. Amot		nto
III	an walk-		0			trea		the large
Tollage	on rafts	19	2-2-0	****	2-2-0	mon	h	8,079
m	11 1					i e		
	llage on boats	per fon-						Opening .
mile		***	441411	111444	111000)		
			1					
			i i					- 1
Total to	llage on rafts	per 100				5. Balance	due at the e	nd
Total to	llage on rafts fect	per 100	111914	014101	*****		e due at the e e month	306

ARTICLES OF TRAFFIC INCLUDED IN ITEM 8 (MISCELLANEOUS).

TOLLY'S NULLAH.

				Potal Government	AND PRIVATE.		Parva	Til.
lambyral lone or	Di	MCRIPTION.		$Q((an)) \partial y = T \partial \partial x.$		Vulue.	Quantity,	Value,
m (s.			Up.	Down.	Total,	Спреся.	Tons.	Rupees.
3	(a) J	ute	339		39	4,400	39	4,400
64	(b) J	aggery	402		402	33,750	402	33,700
3	(c) S	ugar	12	4 + p + 0 4	12	2,625	12	2,625
扯	(d) T	obacco	72	10	82	17,250	82	17,250
73	(e) F	ish	16		16	4,634	16	4,634
40 > * * *	(f) E	lides	*** **	> 1 > 1 ID II	Perce	0.1.24	****	44000
,	(g) I	oultry		** 4 : * 4			*****	
206	(h) I	lay and straw	985		582	12,216	582	12,616
36 .	(/) (Dile	244	19	268	29,500	503	29,500
142	(k) I	Carthenware .	175		175	2,455	175	2,455
275	(m) (Other miscella- neous.	1,368	58	1,426	1,51,203	1,426	1,51,203
818	Total M	Liscellaneous	2,910	87	2,997	2,58,033	2,997	2,58,033

ABSTRACT FOR THE MONTH OF APRIL 1887 AS COMPARED WITH THE CORRESPONDING MONTH OF THE PREVIOUS YEAR.

	TRAFFIC.	1887-58,	TRAFFIO.	. 1886-87,
	During the mouth.	To end of the month,	Daring the mouth.	To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Es A. P
Calcutta and Eastern Canals	24,077 12 6	24,077 12 6	22,647 14 0	22,647 14 0
Tolly's Nullah	8,503 0 9	8,503 0 9	6,526 1 0	6,526 1 0
Total	32,580 13 8	32,580 13 3	29,173 15 0	29,173 15

Calcupta,

The 7th June 1887.

C. W. I. HARRISON. Lieut. Col., R.E.,

Offg. Joint-Secretary to the Government of Bengal.

CIRCUIAR AND EASTER & CANALS.

Approximate return of traffic for the week ending Saturday, the 4th June 1887, compared with the curvesponding week of the previous year.

_		.	WELK RAI	gea Referenz On Justin 1957.	Y, THE	WERE ES	INTER BATURES	4Y, THE
SatirB o	y Cargo.		Sumber of boats.	Weight of earsto.	Pollage.	Number of leasts.	Weight of	Tollings,
	_		No.	M·ls.	Its.	No.	Mds	Ra.
Rice and paddy Jute Pirewood Other articles	- W1		257 4 37 560	45,230 - 0,730 - 20,640 21,40	733 122 3 5 1,7 (4	2n3 16 187 754	68 760 12.575 80.65 2,51.910	1,218 213 1,257 3,610
	Total	Ţ.	818	1,937.29	5011	1, 20	4,19,895	G,20E

Eastern Bengal State Rai way.

Abstract of principal communities carried over the Eastern Benyal State Railway during the month March 1887 as compared with the same month of the previous year

					188	7.	1686		Tor	414		
	STAPLES.				Up.	Dresting.	Срь	Down,	1447.	3 9 841,	I Introduce	Shernen
					Tona.	Tons.	Tons.	Tors	Toris.	Tons.	Torres.	-
(olmuja					24	445	40	tot	4157	931	512	
al and coke	-11 111				8,000	11 457	$E_q\Omega(r)$	11 1 -24	7.71 3	N.1534		1 1
iton, num iton, numunfaciui	mid — here	***		es I		1.8	40	290.5	1754	241	•	
1 Twist said y	zuru (Buzo do, (India		-11	: : : }								
5 Piece-goods 4 Pitto	(Eute	กละเสา}	14-	i k	1,871	0.34	1,700	17%	1,60%	1,50%		2
gage Producta-		ma j	- 11	!								
).—Jule tagrew	rownt)			141	35 -	1.836		\$555 5.000 i 1	7 754	5.864	781 9,990	
dJule manu	factured (gunny-	lan an a	ពលជ	167	1,295	211	3/11	1.102	1,1 5	277	
and Palse-		***			DRS							
 Green and to the Bire, broke 	4				1,720	8,215	1,148	5.097 6.40%	01, 2 kg	7 55 1	(12)	ar, t
too and Skinse-	at le			1	18		4.5		**			
2Skins of sta-	ern, geomis at	nd ame	H nult	riikbe i s	10	743	144	8.03	10-	COST	110	ı
1 Bruss and c	obbits, as-	p. 1.	* 1 7	7	1,490	- 0.1						i ,
z. —Iron z. —Other metal	la ini			:: 5		124	2,321	110	1.016	1180		
n Properties en fil	5.18 1.11			:: 1	817	19	2964	h _k	145 024	807	374	. 1
avisinns—					1	1)			6.0.4			
- Other kinds				, ,}	\$1F\$	104	(5)	5 + 2	41 = 146	2.44	249	
Iway muturbula	446 141				7,460	1,418	3,115	1,556	2,551	10,000	Can	4
1, -Oilsends-								1				
refrancii In	ed			i)								
e T0 pc		М		-::}	576	2,850	4.83	65, 0.000	2.1207	45 (4) (5)	127 11	3.2
enr	rgilpegin	1.04	. 41	r-								
1 Refined			471	}	Apro	1.610	570	2.147	5.300	9.317		
-	14 +11			i,								
1 Indian	4-4 94+		444	i }		D-1		11	4474	TE :	21	
harre as an	111		446		190	744	Ha I	DICE	254	900 -		1
1 Timber	***	** 1			4.53 1,565	40			4500		400	
wher neticles of	merchandi	100-	411		24-11-14	1	7, 275	33	1,500	1,935	,	7
1Unmanufac 1Manufactur 5. straw, wooloo			***		3,914	1,000	8,000	2 951	4,873	5,800		
W ASTRON WATER OF	(C. & B, R.	, Sectio	a11)	***	606	***	7.00		17/43	719		1
Alanest adopte		т	otal		23,016	81,087	\$5,131	21 - 1K - M	74.073	111,073	1.57	41,0
Atanasi adam												
Wyson T Toolson				-		Iron	0.100					
Setal nu	tu ,			-	111	lnesi	F7 REF-				() () () () () () () () () () () () () (Longe.
Betainte Experts to B					111	lnesi	B78£r.					
Setalate Experts to H	Fritiol. Bur	innlı.		41	al-innera.	lnesi	\$485.			.,		lons.
Setalous Experts to B Jute Reduced rate	Fritiol. Bur	innlı.		41	al-ippera.	,	E7862-				3.176	
Beteinu Exparts to B Jute Beduced rate Jute ma Principally f	ritiol Bur es mul iner mufacture from Seraj	randi.	facili	41	al ippera.	,					3.170 277	tions.
Betalaur Experts to H Jute Beduced rate Jute ma Principally f Grain au	s and incr anfacture from Seraj ad pulse	randi.	facili	41	al-ippera.	,	- - - - -			.,	3.170 277	ties.
Betalaut Experts to H Jute Beduced rate Jute ma Principally f Grain as Ordinary due	eritiol Bur nufacture from Seraj nd pulse tuations.	null- reasod : gunge,	facili	lies to		404					3.170 277 324	tions.
Betalau Experts to H Jute Beduced rate Jute ma Principally f Grain au	eritiol Bur annaliner annachure from Seraj ad pulse tustions.	nali.	facili	ties to	manption.	***	 				3.170 273 324 321	lons, lons, lone
Betalaut Experts to H Jute Beduced rate Jute ma Principally f Grain as Ordinary fluc Koosin Lucreasing d Sult	ritimi Bur sa mul incr anfacture from Seraj ad pulse strations. e oil	reased gange,	facili	ties to		404					3.170 273 324 321	logs,
Betalum Experts to H Jute Reduced rate Jute ma Principally Grain of Ordinary due K crosine Increasing d Sult For Upper D Timber	eritimb Bur es and incr anfacture from Seraj ad pulse strations. e oil emand for iengal.	eand gange,	facili	ties to	emption.	404					3.177 977 3924 921 539	lons, lons, lone
Betalaut Experts to Haluced rate Jute ma Principally f Grain as Ordinary fluc Kesosian Increasing d Salt For Tipper D	eritimb Bur es and incr anfacture from Seraj ad pulse strations. e oil emand for iengal.	eand gange,	facili	ties to	emption.	404					3.177 977 3924 921 539	tons, tons, tons, tons, tons,
Betalum Experts to H Jute Reduced rate Jute ma Principally Grain of Ordinary due K crosine Increasing d Sult For Upper D Timber	eritimb Bur es and incr anfacture from Seraj ad pulse strations. e oil emand for iengal.	eand gange,	facili	ties to	emption.	404					3.177 977 3924 921 539	Tolls, Lone, Lone, Lone,
Betalum Experts to H Jute Reduced rate Jute ma Principally Grain of Ordinary due K crosine Increasing d Sult For Upper D Timber	sritible Bur sa mul incr mufacture from Seraj ad pulse stuations. e oil emand for iengal.	eased : gange, up co	facili	ties to	emption.	404					3.177 977 924 921 639 490	Tolls, Lone, Lone, Lone,
Betalaut Experts to B Jute Reduced rate Jute ma Principally f Grain as Ordinary fluc Exposin Increasing d Salt For Tipper B Timber Principally f	eritimb Bur se and incr nufacture from Sessign de pulse ctuations e oil semand for lengal. coke ctuation in	gange. up co	facili	y cons	amption.	Drene					3.176 277 324 321 539 489	Tops, Lone, Lone, tops, fore.
Beteluw Experts to H Jute Reduced rate Jute ma Principally f Grain as Ordinary fluc K crosine Increasing d Sult For Typer B Timber Principally f Coal and Ordinary fluc Catton	sritible Bur ss and incr mufacture from Seraj ad pulse stuations contact contact and for lengal. cor Locomo	eased : gange, the continue D	facili nuntry Depart	y construction to	entuption.	DECLIB					3.176 277 324 321 539 489	Tons, tons, tons, tons, tons, tons, tons,
Betalaut Experts to B Jute Reduced rate Jute ma Principally f Grain as Ordinary fluc Exposin Increasing d Salt For Tipper B Timber Principally f	stimb Bur s and incr mufacture from Seraj ad pulse stuations contact contact and for lengal. coke stuation in market in t	eased gange, up co	facili country Depart	ties to	entuption.	DECLIB					3.176 277 324 321 539 489	tons, tons, tons, tons, tons, tons, tons, tons, tons,
Betalaut Experts to B Jute Reduced rate Jute ma Principally f Grain as Ordinary fluc Kerosing d Sult For Epper D Timber Principally f Coal and Ordinary fluc Catton Indians of m Rice Duluess of m	ortible Bur so and incr nufacture from Sessj ad pulse ctustions e oil emand for lengal. or Locomo ctustion in narket in t	gange, up co	facili nuntry Depart	ties to	entuption.	Deche mer service					3.177 977 924 321 639 499 717 280 3.612	tons, tons, tons, tons, tons, tons, tons, tons, tons,
Betalum Experts to B Jute Reduced rate Jute ma Principally Grain as Ordinary fluc K crosine Increasing d Sult For Typer B Timber Principally f Coal and Ordinary fluc Catton Induces of m Rice Bulless of m	stimb Bur s and iner nufacture from Seraj ad pulse stuations e oil emand for lengal. or Locomo tuntion in market in t	gange, up co	facility operating for the party of the part	railwa	amption.	Deche mer service	ASÉS.				3.177 977 924 321 639 499 717 280 3.612	tons, tons, tons, tons, tons, tons, tons, tons, tons,
Betalaut Experts to H Jute Reduced rate Jute ma Principally Grain as Ordinary fluc K crosine Increasing d Sult For Typer D Timber Principally f Coal and Ordinary fluc Catton Induces of m Rice Duluess of m Hailway Completion of	critish Bur con nul incr nufacture from Seraj ad pulse ctuations c oil cmand for lengal or Locomo ctuation in market in the arket market market market market	reasod gange. up contive Daniel aupply	facili Depart	ties to	amption. Ry and stor	Drens	ASÉS.				3.177 977 924 321 639 499 717 280 3.612	tons, tons, tons, tons, tons, tons, tons, tons, tons, tons, tons,
Betalum Experts to B Jute Reduced rate Jute ma Principally Grain as Ordinary fluc K crosine Increasing d Sult For Typer B Timber Principally f Coal and Ordinary fluc Catton Induces of m Rice Bulless of m	sritish Bur sa mul iner mufacture from Seraj ad pulse structions a cil emand for lengal. or Locomo l coke struction in market in t sarket. Innterials of works g	gange, up co	facili	y constituent of the D	anniption. Ry and storthe month	DECRE STREET STREET	ASES.	re Balwy,			3.176 277 324 321 539 459 717 280 3.612 498 3,240	tons, tons, tons, tons, tons, tons, tons, tons, tons, tons,
Betalum Experts to B Jute Reduced rate Jute ma Principally f Grain as Ordinary fluc Kerosine Lucrensing d Sult For Upper D Timber Principally f Coul and Ordinary fluc Catton Ludness of m Rainess Completion of Reeds Collapse of E Sugar	sritish Bur ss and incr mufacture from Seraj ad pulse stuations a oil semand for lengal or Locomo stuation in market in t sarket market	gange, up co	facili	y constituent of the D	anniption. Ry and storthe month	DECRE STREET STREET	ASES.	re Balwy,			3.176 277 324 321 539 459 717 280 3.612 498 3,240	tons, tons, tons, tons, tons, tons, tons, tons, tons, tons, tons,
Betalaut Experts to Halto Reduced rate Jute ma Principally forain as Ordinary due Katonian Increasing d Sult For Upper D Timber Principally for Coal and Ordinary Suc Catton Induces of m Rice Duluess of m Rainway Completion Seeda Collapse of E	stimil Bur samul iner mufacture from Seraj ad pulse stuntions, e oil emand for lengal, or Locomo tuntion in market in t market,	eased gange, up contive Dative	facili	y constituent the D	anniption. Ay and ster the month	DECIR mer service and Assan	ASES.	ite Balwy,			3.177 977 924 921 639 499 717 280 3.612 408 3,240 508	tons, tons, tons, tons, tons, tons, tons, tons, tons,

CALCUTTA, the 17th May 1887.

Beugal Central Railway.

Abstract of principal commodities carried over the Bengal Central Railway during the month of March 1887, as compared with the same month of the previous year.

	18	87.	183	30.	Tot	al,		
STAPLES.	Up,	Down	Up.	Down.	1887,	1860.	Impresse.	Doctrus
	Tour.	Tons,	Tona.	Tous.	Tons.	Tons.	Tone.	Tone
telmus	1	365		171	204	172	194	4417
at and coke	1,420		1,405	17	1,666	1,510	11111	8
1.—Twistand varn (Rucepean)								
Swellitto que finamas ou	189	7	212	1	141	212		7
	,,	1						
1Jute (serowed) (unserewed)		219	*****	** '''81	889	63	217	F1=
RJuto manufactured (gunny-bags at		8	48		89	82	415444	-11.
arm and Palso-	16	1.604	81	673	1.109	904	905	
6 Rico, husked	. 1	257	16	31	259	43	\$15	***
in and Skips — 1.— Hides of chille 2.— Skips of sheep, conts, and small anima	1	41		38	43	24	8	*1311+
tale and manufactures of -	3							
f.—Bruse and copper	49	23	48	21 -	78	70	P	#1x
B	72	*****	63	1	72	04		
wispans	[1 -:	*11-14	1	0.8		. 66	hinig.
2.—Other kinds	185	167	107	106	242	284	118	*****
lway paternia	712 300	200	2,70g 171		921 300	1,84A 171	130	2,0
de- L-Obserte-								
a Linseed		635	354	3,100	3.003	1,659		
c.—Til or kinkelly	::5	7845	204		1,003	1,409	*****	30
ar— 1.— Rafined	} 47	1,055	#17	3 640	3 100	1 806		
2. Unrefined		17	37 29	1,568	1,10%	1,585 3 0	p	40
od-		4	4hm					
2 Firewood other articles of merchand ac-	} 18	6	\$8	19	24	67	******	
	3 855	212	15TU	341	867	#20	67	441
RM — Som stellers presentable à pre st. p. p. p. p. p. p. p. p. p. p. p. p. p.								
Tutal	3,887	4,361	4,869	4,217	8,880	P.076	1,927	2,05
		lsens						
Retelunts				14.)	***	401	19	& tom.
Booked through from B. C. Flotilla								
Principally from Khulna.			**	***	144	***	111	7 tons,
Grain and Pulse	+ a b		4=	No. o	***	441	42	l tont,
Crops good in these parts.				***	4.4	694	18	5 tons.
Aimence of domand.								44
			EARS.					
Builway materials Completion of the work of packing	bridger on E	 5. C. Railwa	 y with star	of from Kha	ooshten.	447	1,00	7 tons.
Serds Depression of home and local trade,	- 44			***	a ad	***	Her ,86	6 tons
Sugar Dulmess of market.			***	114	800	à 114	w. 48	a tons.

Dacca State Railway.

Abstract of principal commodities carried over the Docca State Railway during the month of March 1887, as compared with the same month of the previous year.

						188	6.	188	17.	Total	nJ.	_	
STAPI	J68.				1	Jp	Down.	Up.	Down.	1896.	1887.	Increase.	Duerease
					,	Tons.	Tons.	Tous.	Топи,	Tone.	Tonn,	Tons.	Toua.
elel-nutt	544	14.4	184	9-44			1	24		1	24	23	*****
(2). Ditto (3). Piece-roods (4). Ditto brous products—	[] INCHES	Destr)		11-	}	6ñ	1	63	1	69	64	44****	
(2). Jute (almorewe	ored, (j	 Funty	r-bagu	und		- = 4	42	114141	293	40	393	361	17-14-9
elothe)	110	+14	. 1	***		****	- 6	119141	*****	4	4 61	111	Ì
(2). Grain and pulse (4). Rico, hushed	1.50	110	***	411		20	3	4 3	10	20 b	14		******
des and skins— (1). Hides of cattle (2) Skins of shresp, g	oute as	ud inne	all maste	mala	;		в	# #7444	- 11	я	11		
(1). British Build Compa	32"	***		4.44	3	40		10		411			
(2), from	110		- 61	41	5	9807	11111	200	,	414	1.7	410771	3
Promine vile	017	***		8 47		L	41	444111		L.	190591		1
ill. Ghan	***			- 4-	13	7	deres.	20		7 1	20	43	
(2), Other kinds	910.		4 * 1	441	ر ا	1,173	980	36	15	2,153	49		10000
MI	244		101				900	2	.,.	1	7	ų.	2,104
(b), Mustard and	i	819		d d+	}								
(c). The or gingell (d). Other officed:	y		191			. [
th. Other seeds-	* ***		141		1	41		8	15	411164	20	29	10.00
(a). Indure seed		***							I				1
(c). Other kinds		*1*			1	1							1
(I), Refued					١, ١							i	
(s). Unrethood					1}	G 1	*****	9		6	9	3	10001
(1). Timber	***		***					in.			6	6	
(4), Pinswood			191	,				60	11	1.62	77	17	
(1). Unmanufacture	nunan 4,					330	38	198	8.9	1984	214		1::
		Т	lato!		_	2,655	1,677	440	515	0.780	Biciá	504	1,27
		. –		-	_	_ '		-		. /			·
							180	HBASES,					
Jate Principally from 1	liyins	nein;	ik.			101	10		177		941	35	li (sous,
							DEC	BEASSE.					
Rustway gant	eviale.					117		444	194		11.6	9.10.	tone.

CALCUTTA, the 17th May 1887.

F. P. QUINLAN, Examiner.

Nalhati State Railway.

Statement showing Increases and Decreases in Johnage of Staples carried over the Nathali State Railway during the month of April 1887, as compared with the same month of the previous year.

40.000			188	80.	168	7.	1898,	1887.	Increase.	
BTAPLES			Up.	Bown,	նը.	Down,	Total.	Total.	THOTBAND.	Decrease
	.,		Tona.	Tons.	Tous.	Tons.	Tous.	Tons.	Тоць.	Top
onl	++4		840 13		013 18	1	8198 1 1	u68 10	55 6	Pd1+pp
Oction precedentials	4.9-9	. !	£3		79	1	n1	80	21)	Larre
Programd chemicals— 1.—1maxicalist orheritarrop	Willia.	9.44	114	0.00	2			2	2	
ule - ‡ Gunny-bags and cloths	-11		41+1+5		10	7	3.5441	20	28	141713
Spring - 2 - 18 cm	::	l hr	} 41	105 (\$0 U	284	} 144	{ \$16	} 19:	Pa
1 Histories of cuttin-				4		4	F15.12	4 3	4	
eather, manufactured		""			3		******		3 2	*****
letain—			3 5	ę i .	5		· · · · ·	5 3	1 2	41126
the Others as an area	- 1	14	, , ,	, (Đ		,	4 5	, -	*****
1,-Castor	411		*****	1 60 0 4 6	1 2		BBF	2	3	49-11
1.—takee 2.—Dired fraits and note			4 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	******	2			3 2	8	1 . 1
milway plant and rolling stock ilt		p ==	33 4	101 11	10	h	70 4	10	89.	h h i i dji
2 Linsend	***		30	230 {	14	Û £	27:	13	}	£:
8(Ithers			,	re	1G	16	17	10	1 1	
lk pier-goods- xludan	77.1	100	201414			4		4	4	
2.—Drained	***	114	}	s	g ge		1 0	{ 26 g	3 10	
2.—I belyanted aper and pustebuard b other articles of merchanding	***	I	185	72	1 1	25	107	113	1	
	Total		907	435	1,063	349	5,365,4	1,632	391	40
				NUR	RASE.				Tom.	
Coal This in grass is due to exec	wire b	rick	burning.		+ 1 4		***	411	28	
Cotton piece-grads - f. This increase is one to rive	Eur	amqu	1			den d		44.5	29	

【聚化聚化基键,				"Form.	
Coal	191	++1	411	58	
This in grase is due to excessive brick burning.				40.40	
Cotton piece-goods - L. Europunta		-11	***	29	
This increase is one to river communication being stopped for went	OI MINIGIORI	WHICE-			
Change bages	***	107	***	26	
This increase is due to this being included into sundries last your. Grains - Rice				192	
The increase in this staple is due to picutiful crops and larger exp	ort from int	ermediate st	ati du		
Roadu and Bokharu.					
Bailway plant and rolling-steek	941			32	
This iner say is due to more materials carried during the month.					
Sugar	110	191	* * *	10	
This increase is due to favorable rate at Azimganj.					
DECEMBE.					75.34
Oilhouds	* *	> 0- ts	4 * *	217	
This decrease is due to less donnand.					

NALHAM, the 31st May 1857.

R. G. MOORERJEE, Manager.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 1,519 miles oven.

	Coacette	G TRAFFI	c,		3:BECHANI	RA1	PPIC.	١.	Other carni	ing	Total carnings,	TRAPPIC	TRAIN-MIE	ви исъ.
	Number of passengers.	Recei	pta,	i	Weight carcust,		Recupiu,		(estimates	d jî.	Total oarmings,	Currelt mg.	Mercloni-	Total.
		Ra,	4. 1		Mps	В.	Ra. a. p		Re. A	. 14	Rs. A. P.			
oral traffic for the week in per mile of railway or provious m weeks of half-	257,104	2,20,083 140			29,78.292	10	5,75,8 % 7 n 444 15 p		21,86n tj 14 U			04,840	123,0301	187,681
yalf	5,178,733	59,20,250	9 0		8,40,03,109	ŝti	1,39,95,6% 10 3		3,50,982 3	-4	2,01,07,119 0 7	1,379,616	2,288,0003	8,407,71
Total for 21 wooks	5,411,847	61,55,813	4 0		6,73,05,442	U	1.45.71,565 8		1,93,1881 (1	7.11,21 500 11 7	1,444,245	2,411,1274	8,950,37
COMPARISON.														
atal for corresponding week of previous year	21,1014	9,80,416	8 4	*	29,71,404	20	7,41,007 3 6		22,409 15	6	tectorization 4	66,793	238,4819	202,81
ing weak of previous year	18.814	100	4 I		*4* 9		480 2 0		34 13	-81	673 8 0	pe q e pa		
providus year	5.151.2366	50,43,014	7.10	1	8,07,10,939	90	1,48,46,431 19 6		4,62,200 15	0	2,10,51,306 8 20	1, 115,270	2,492,840	 S.D11,81

[.] The coaching traffic for the corresponding period of 1886 and indes traffic on account of running of troop extra and ordinary special trains.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

Excult	THE POR WHEN	mkdika	RECEI	TH FOR WEEK	SNUNG		L RECEIPTS SE 1850 TO ESTE 1886.		Тота	£ RECRIPTS YR 41, 1897 TO 23111 1887.	MAY MAY	Total impresse	Total decrease
Mean nulestee worked	Receipts,	Par mile worked.	Moun intleage worked	Racoipes.	Por inde worked,	Mean mileage worked.	Total rescipts	Per mila worked	Menti trateges worked,	Total recorpts.	Per mile worked.	10 1001.	10 4887.
	Re.	R4.		Ra.	Ra.		Rs.	E.s.		Rs.	Eth	Iku,	
1,516	10,19,923	673	1,819	₽,24,36 ±	0](1)[1	1,815	B6,38.810	5,701	1,510	B3,97,17H	5,699	*****	2.61,028

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 57; miles open

	COACHIR	G THAPP	C.	MERC		KH AR		r KA1	ւդերոց	49119	ниды	7/44	n.l		Тилирге	Энатконть.	164 IK173
	Number of passengers.	Remi	gita.		jeht med.		Record	fs.	featin			148711			Conching	Morologic.	Tota
		Bs.	A. Pi	3	l ng s	1	lis.	a ta	R	Ju z	Ε,	Hh.		F		-	
fattiteathe for the work	18,162	6.263	D 46		8,4414	(1		16.7%			4. 45	1.6	11	4	1,454	9-10	5,81
or erevious 20 wooles of half-year	257,020	1,51,952	6 0	11,6	2,14.7 0		70,722	11 23	_ 1,1	41 7	- (1	2,73 (5)	i i	*	56,706	169,85	52,9.
Total for 21 weeks	208,163	1,56,505	19 0	14,3	1,211 2	0	78,50	7_9	-1,1	(a) (b)	()	9.1.50	1-1	þ	Bh, 160	19,600	56,7
COMPARISON.														1			
out for corresponding weak of Privious year of hile of rallway correspond-	12,788t	5,678	9 1	D	5.20K (0	671	15 D		¥4 D	3	6,374	14	4	1,514	224	3,41
ing week of previous year of	184	99	4 4		P31 8	li	11	ппј		0 1	Ш	111	7	2	.4		215.11
preside her	280,374	1,46,259	11 1	11,6	1,232 80	2	70,280	12 0	1,6	5(-14	0	2,20,580	L	0.7	35,274	29,405	54,7

Approximate Statement of gross receipts of the Patno-Gya State Kaslway, prepared in accordance with Public Works Department Circular No. XXI, Bailway, dated Zard July 1883

Lacusper 20	THE MAY 1880	raptag	Ramoni PT 28	S FOR WARE SE MAY 1887	ENDING		PARL IMAG TO SE MAY 1886,			PRIL 1887 TO 28 May 1887.		Total	Tetal
Mean	Rossipta.	Per mile worked.	Monn mileson worked.	Receipts.	Per mile worked.	55 our mileuge worked.	Yotal receipts.	t'er wite worked	Mone mileage worked	Total receipts	Per mile worked.	increase in	decrease in last.
	He,	Re,		Bo.	Be.		Ba.	Ka,		ika.	Ra,	£	
24	4,875	211	ата	8,436	147	47 <u>k</u>	03,186	1,449	671	84.314	1,457	1-1:41	9 ,631

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 28th May 18-7, on 12 miles open.

	Coachise	TRAFFIC	Ÿ.	Миксиантии Тиан		L	Other carning		faul sarnings.	TRAPFIC	Thatu-mill	M EUN.
	Number of passengers.	Beceip	18.	We fight english.	Receipts.		(estimated).		1 dos sarminga,	Conching.	Morchuz-	Total,
	į Į	Ra.	A. P.	Man. a.	Re. A.	r.	Bu, A. P		Ho. A. P.			-
Total traffic for the week Or per mile of milway	3,658		18 0 10 5	16,420 20	507 ± 40 1±		9 9 6 0 12 (D	t,190 8 0 99 8 4	236)	257	603
For previous 20 weeks of half-	nu,pe2	10,216	1 0	4,05,808 10	11,974 18	0	172 3 (9	2),662 1 9	6,676}	8,966	0,949
Total for \$1 weeks	66,480	10,598	14 0	4,20,920 30	11,571 18	0	181 12 1	9	22,659 P 9	0,913	3,521	10,431
COMPARISON,						1		1				
Total for corresponding week at provious year	3,1384	829.	a 11	17,879 20	7d8 a	ı	23 5	ō	1,420 10 11	221	272	491
ing week of previous year		44	0 1	W4 8 1811	61 1	0	3 15	1	110 0 11	FM+4+	HIMA	1148.1
Fotal to corresponding data of	03,787	10,408	3 2	0.08,071 0	18,846 6	D.	DP8 4 5	9	\$4,209 13 11	4,450	0,233	10,601

Approximate Statement of gross receipts of the Dildarnagur-Chazipur State Railway, prepured in accordance with Public Works
Department Circular No. XXI. Railway, dated 23rd July 1883.

	TO FOR WEEK TH MAT 1686			TS FOR WEEK STILL MAY 1887			parenter to the part of the pa			L RECEIPTS PUR PEIL 1857 IN 28 MAY 1687.		Total	Total
Moun milman worked.	Receipts.	Per mile w rked.	Mean mile-ge worked	: Recorptio	Per man worked.	Mean mileso worked.	Total recepts.		Mean quienze worked,	Total recolpts,	Per mile worked.	increase in 1807,	degreese in
230	Ra. 1,521	ELu.	12	Re. 1,191	Its.	18	160. 12,660	Rs. 1,005	10	RH. 10,041	Rs. 887	*14***1	Ra. 2,015

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 74; miles open.

	Coachtro	TRAPPIC.		MERCHANIDA TRA	RAND ME	E IS I	LA Zi	Other ea	rak	nich	Tot	m.l		TRAPPIC	Ta vin-mili	es acr.
	Nomber of passengers.	Receipts.		Weight carried,	Reserve	sia.		(catima	itec	ti.	Carrie		l.	Coashing.	Merchan- dian.	Total
		Rh. A.	P.	31 PB N	Ita.	À.	P	Ra.	۵.	r.	Rs.	۸.	P.			
Potal traffic for the week Pr per mile of rallway For previous 10 weeks of half-	5,748	4 6145 B		1,02,161 0	4,241 67			134	18		0,004 121			700	1,382}	2,94
FORT	118,719	10,031 (1		20,01,084 10	20,101	14	0	2,205	13	6	1,43,250	в	0	14,971	94.2712	39,00
Total or 21 weeks ,.	124,447	15,567 b	ų .	81,78,145 10	94,417	1	6	2,840	8	Q	1,92,334	6	Ø	16,6772	25,054	4),55
Comparison.			-													
Fotal for corresponding week of previous year Per mile of milway correspond-	4,9411	3,575 3	9 1	N1,021 30	5,910	4	h	63		9	7,849	0	0	648	1,445	9,000
foral to corresponding date of	reshib	40 2	0	471-669	62	4	3	0	13	7	Bal	4	0	201000	m + 5-54	
previous year	118,966	93,671 3	2	17,80,061 10	76,423	18	6	2,148	6	0	1,70,246	9	8	28,440	83,454	46,57

approximate Statement of gross receipts of the Sindia State Roilway, prepared in accordance with Public Works
Department Circular No. XXI, Railway, dated 23rd July 1883.

Lace PT	S FOR WERK UTH MAY 1880	ENDING		TR FOR WEEK ETTH MAT 188			RECEIPTS PROPERTY AND 19 MAY 1886,		Тот	L EXCEIPTS PROPERTY TO 28 MAY 1887.	M 197	Total	Total
Mean mileage morked,	Recepta,		Mosn minuge warsed,	Receipts.	Pre mile worked.	Metan mikango worked.	Total recorpts.	Por mile worked.	Mean milesen worked.		Par mile worked.	1987.	decretae m 1887.
	Be-	itn		Ba.	Hat.		Ra.	Ba,		Rs.	Ra.	Ra.	<u>2</u> .
744	7,850	bh	74)	9,045	181	768	68, 630	818	749	71,007	948	7,671	May).

TARKESSUR BRANCH BAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 22} miles open.

	COVORIN	TRAFFIC.	MERCHANDISE TRA	AND MINERAL	Other earnings	Total	TRAPPIO	TRAIN-MILE	n Buy,
	Patribor of	Receipts.	Wetcht curred.	Receipts.	(cettioned),	enthings.	Coaching.	Merchan-	Total.
		Rs. A. P.	Mda. s.	Rs. s. r.	BE. A. P.	Ra. a. p.			
Trial traffic for the week Or per mile of milway per previous 20 wooks of half-	74.000	4,230 2 0 190 1 11	8,777 10	314 11 0 13 3 1	7 7 0	6,556 B 0	(400	134	968
light to	609,967	1,08,000 9 0	3,68,530 80	6,700 11 0	131 7 9	1,14,630-11 9	18,196	69A	10.894
Total for 21 weeks	404,778	1,13,025 11 0	1,77,377 0	0,110 10 0	135 14 U	1,19,181 3 9	19,504	BG-6	20,861
rotal for corresponding week	18,916	6,950 16 0	7.851 30	2BS 1 0	10 14 n	6,281 13 0	924	44	048
the work of provious year of positions year at	437,8814	1,10,353 10 11	2,20,000 20	7,883 12 0	0 7 10 148 1 t	1,24,435 B 4	21,530	2,470	23,50

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

Skeming)	TOR WEEK E	HDING		N FOR WERE DI MAY 1987			1. RECEIPTS FR EGG. 1886 TO 20 MAY 1866.			LERCEIPTS PRO PRIG 1887 TO 281 BLAY 1887.		Total	Total
Morn wileago warked,	Beccipte.	Per mile worked.	Most mileage worked.	Receipts.		Monn miteage worked.	Total receipts,	Par wile without		Total receipts.	Per mule worked,	1887,	doceme is
	Ra.	Ba.		Rn.	Rs.		Ro.	kn.		Ra.	8,11	Ra,	В4.
121	\$,242	236	849	4,655	200	10 0 d	52,157	2 343	221	48,622	2,185 ;	#++++	5,515

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week anded 28th May 1887, on 42 miles open.

	COACHING	THAPPIC.		MERCHANI		FIC.	32.1.1.		חודות	ings	Total ca	dera si a are			c Thatn-mit	TO RIVE.
	Number of pussengers.	Reoript	24 L	Weight englied,		Receip	bu ,	Level tera	str	d J.	I III CA	7211111	liftar	Conclusion.	Merrina-	Total.
		Rs	. r.	31 216	ш,	Rя.	A. P.	Ra	J.	. Р.	Ka	Α.	r.			
Total traffic for the week	8,127	1,40å l 23	7 6	28,510	10	2,518 03	3 0 5 4			0 D 9 G		A 15			400	68
Por previous 20 weeks of half-	51,338	24,854	2 6	10,05,404	10	83,967	3 0	65	77	B N	1 805,43	5 12	. 3	3, 426	10,(n)4	10,85
Total for SI weeks	67,460	20,250 1	ă U	20,43,014	20	\$6,475	6 9	70).	A 11	101,01	7 11	D	21,5103	12,464	10,46
COMPARISON.																
Petal for ourresponding week of previous year Permittent railway correspond-	2,780	1,114	0 G	19,088	10	4,227		1	81	6 13	8,36	3 C	3	3.10	246	88
tag week of provious year fold to carrosponding date of	raraka	80	8 7			63	0 7		0	8 h	P(I]	4	1411	******	*** ***
basalors 3,000	19,500%	8,769 1	4 5	1,37,201	0	10,289	19 3	15	36	4 3	17,12	14	\mathbb{H}	2,661	D 100 37	5,90

Approximate Statement of grove receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

LICATE	of for were Oth May 188	endino 6,	RECEI	pta for were Seen Mar 1897			AL RECEIPTS TO TO THE IBSO,		To:	TAL RECEIPTS P SPIL 1887 TO MAY 1887.	TREE T	Tetal increase	Total decrease in 1857.
Moreoff.	Receipts.	Por mile worked.	Mean mileup worked.	Receipts.		Menn milinge worked.	Total receipts.	Per notes worked,	Mean refleage worked,	Potal receipts.	Jer male worked.	40 1051	ы 100%.
41	Ra. 8,863	Re. 80	49	Ba. 8,940	Ru. 94	49	Rs, 10,198	Ba. 437	42	R.s. 30,809	Rs 876	Ru. 17,614	***

EASTERN BENGAL STATE BAILWAY.

(Including N. B., Dacca, K. and D., and Assam-Beele Sections)

Approximate Return of Traffic for week ending 21st May 1887, on 645 miles open.

	Coacusu	o Trappi	c.	MERCHAND	HA LL	AND MINERAL	L	Other camings (astimated),		ni sar	a ie m		TRAIS-MI	RB RUN.
	Number of passengers.	Coaglu		Walght		Reccipts.		Steurn-louis		ILI TOON	шид	Concluing.	Marchan- disc.	Total.
		Re.	А. Г.	Mos.	н.	Re. A. F		Rs. A. P.		Ra.	A. P			
Fotal traffic for the week and per mile of radiusy	110,415 #91	65,188 60	0 0	8, 46,753 648		68,140 0 1 100 0 1		9,720 0 0	1,3	3,015 101	0 0		34,998	36,465
Por previous 10 weeks of half-	2,602,817	12,08,840	0 0	3,40,14,561	0	14 60,821 0	ì	2.45,556 0 0	50,0	1.370	0 0	874,985	800,667	764,643
Tutal for 20 weeks	2,710,262	12,61,154	0 0	1,08,61,814	Ü	15,34,061 8	T '	2,55,276 6 6	79,5	1,801	0 0	305,182	\$86,876.	781,007
COMPARISON.														
fotal for corresponding work of previous your Per mile of railway correspond-	122,073	68,848	II 0	6.11.290	f)	75,281 0 C		15,805 0 0	14	12/1/8			30,016	27,7e
ing period of previous year	201	NB-	0 0	844	0	124 0		+ => - - - -			0 6	,	*****	4 = 1 + 3 1
previous year	2,594,000	11,78,321	0 0	3,311,52,929	0	15,60,510 0 0)	E,400,485 U 4	20,9	4,316	0 0	348,153	439,087	781,8

Audited up to week ending 5th March 1987.
 Nore. Decea and Assum Schur sections are also published separately.

FINANCIAL YEAR.

Approximate Statement of grow receipts of the Eastern Bengal State Railway.

RECEPT	S FOR WREK	ENDINO	PECEID	THE WILL WELL CIBY MAY 1887	nnnina C	ATML	RECEIPTS VIOLENCE TO WEEK COME MAY 1886.		APRIL	RECKIPTS PROBER 1 1887 TO WERK 1 CIBT MAY 1887.	RMDING	Total increase	Total degrees
Moan malenge worked.	Весеры.	Per unle worked.	Blenn Bilener Workett.	Receipts.	thr tuile worked.	Mean molested worked.		Per mule worked	Minati mileage worked,	Totul recaiple.	Per mile worked.	IN 1687.	for 1887,
1	Ra,	Ra.		Rs.	Ra.		Ra.	Rs.		Re,	Ra.	Ra.	<u>R</u> a.
806	1,45,021	- 236	0.46	1,83,016	900	GOSE	16,55,460	818	a is	9,87,146	219		39,321

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 25th May 1887, on 125 miles open.

	Coventee	TRAFFI	c.	MERCHAND		AND MIN	HMAT.	Other e	s. Pita kan	nt n	Tatal		1	TRANFIO	TRAIN-R (E	ma 1605.
	Number of passengers (nengers, receipts, carri	Weight carried.		Recuip	to.	(en thense			Barning Barning			Coaching.	Merchun- dise.	Total.	
		Ku.	A. F.	M.518.	۲,	Ra.	4. P.	Ru.	A. 1	-	Re.	۸.	P.			
Total traffic for the Weak	23,381 187	8,400 67	0 0 0 0	64,000 482		3 ,500 28	0 0		. 0	0	ж <u>ё</u> ч, г.г ач		0	3,786	3,424	8,910
For previous 20 weeks of half-	B63,190	3,70,476	0 0	8,02,484	0 !	51,781	0 0	\$44.1	0	0 0	2,28,100	0	U	76,884	28,919	1 05,278
Total for 21 weeks	B26,471	1,76,889	0 0	8,66,434	0	55,949	0 1	1,001	ð	0	2,36,168	٥	0	80,140	30,343	1,10,480
COMPARISON.																
Total for corresponding week	98 760	8,380	0 0	26,367	0	1,863	0 0	2.8	0	0	10,378	0	0	8,946	1,260	5,210
Per mile of railway, corresponding	3110	67	0 0	303	0	10	0 0	***			8.3	0	0	*****	44 9 1 1 2	pptor
Total to corresponding date of previous year	524,781	1,41,250	0 0	8,01,880	0	40,937	0 0		0	0	2.28,B1,3	0	0	65,111	18,907	3,11,036

[&]quot; Audited up to Sint March 1867.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Contral Railway.

Baro 11	erren ene w no epiti May	EREC.		te vor wree Sin Mat 1887.		APRIL	E ERCEIPTS PRO	ENIDENCE M EX	APRIL	6 HEORIPTS PRO- 1847 TO WHIK 1 BUI MAY 1881.	SADING	Total	Total
Mean minego mened	Recouple.		Mann mileage worked	Receipts.		Monn matheure worked.	Total receipte.		Mean mileage worked,	Total receipte,	Per mile worked.	instance in 1967.	1087.
	Re.	Ba.		Ra.	Ra.		Ba.	Ra.		Ra.	Ba.	£a.	24.
198	10,875	63	125	11,960	DB	128	00,400	90	190	25,104	89	2,794	

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 21st May 1867, on 86 miles open.

	COLCUING	TRAFFI	3_	MERCHANDI TI	21 V	WD MINE	RAI		Other ear	ninæ	Total carning		TEAFFI	TRAIT-MEA	ei Avje,
	% ашbаг of рушинауста.	Receit	126,	Wmpht carried.		Receipt	H.		{HECTITED TO		Lowlestwink		Coarling.	Bieraham- disc.	Tenal,
		Re.	A. P.	Mos.	g.	Ra.	A. 3	l°.	Ra,	4. P	Ra. A.	P.			
produced for the week.	11,668 138	8,950 68	9 A 0 0	5,000 58	0		0		40	0 (6,440 O			603	2,96
by per title in 19 weeks of half-	247,802	63.615	0 0	9,04,051	0	27,595	0	0	2,520	0_0	1,10,633 0	n°	42,181	21,R77	\$1,000
Total for 20 weaks COMPARISON.	929,470	87,465	0 0	1,29,251	0	24,036	n	0	2,509	u t	1,15,072 0	ß	44,343	22,650	67,09
her parresponding week of provints year mile of railway, correspond-	9,014		0 0			\$7A				0 (0		397	1,13
or mile of the previous year the to norresponding date of previous year	192,754	33,236				27,850	0		4,870					38,042	40,91

^{*} Audited up to week ending 5th March 1987.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Hailway.

	THE POR WHITE I SAG.		RECETT	IS VOU WEEK PLET MAY 1887.	ENDING	APRIL	RECEIPTS FOR 1896 TO WELK END MAY INC.	LEDING.	APRIL.	1857 10 WERE 2181 MAY 1857	ENDING	Total increase	the a contract of a soft of desired as
Mean militare worked.	Receipts.	Pow mile worked.	Mean mileare worked.	Receipts.	Per mile worked.	Menti milosate worked	Total receipts		Means I maleinzo windsod	Foral receipts.	Interest Interest	110 10017	ist 1 taley.
	ita.	Bo.		Ro.	Ru,		lis.	lin.	. [Ba.	Ru.	Ra.	R4,
=	3,146	38	84	4,440	52	R6	\$2,6ns	64h —	NB	33,705	56	1.007	4 54 48 4

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 29th May 1887, on 271 miles open.

	COVCHING	TRAFFIC.	Минемальния а Тната	RD MINERAL	Other earnings (astronated).	Total curnings.	TRAFFIG 1	Half-Miles	nes.
	Namber of	Onsching receipts.	Weight encreed.	Rusespita.	(446)11166042		Conchang,	Moreliani, disc.	Total.
		Ra. A. P.	Mus. s.	Re. 4. P	Rs. a. r.	Its. A. T.			
Total traffic for the week.	2,8324) 80	023 14 1 83 14 0	8,207 10 251 0	18 6 0	10 6 0 0 6 0		500	286	705
For previous 20 weeks of built-	60,0203	22,597 1 11	g,sp,69% 30	14,660 10 0	600 19 0	88,603 7 11	10,253	0,749	17,001
Total for EL weeks	09,504	88,821 0 0	0 808,60,2	15,640 0 7	\$30 D D	19:400 6 4	10,761	7,003	17,700
COMPARISON.					1		}		
fetal for corresponding week	3,686	1,111 1 3	6,071 29	D21 9 0	8 9 0	1,013 12 3	903	254	760
he mile of railway correspond-	08	40.32.0	223 0	15 4 0	0 6 0			*****	****
Freduct your an to sale of	54,720	21,791 15 0	1,73,533 10	13,695 13 0	500 6 5	35,441 2 11	14,884	6,625	16,480

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nathati State Railrowy.

Racing	To Pol wate Die May 1866	mnding	Rucer	PTS FOR WHRE	miliouso I.	Tora	I RECEIPTS FROM THE LIBERT TO 1 MAY 1586.	DM INT	TOTAL	PRIL 1887 TO DE MAX 1867.	om 187	Total	Total decrease in
None Elemented.	Receipts	Per mile worked.	Moan adleage worked.	Receipts.	l'wr mile worked	Mean instance worked.	Total receipts.	Per Hille worked	Moun morked worked	Total ruceipts.	Per tale worked.	1887.	1857.
271	2s. 1,614	Re.	27)	Rs. 1,658	Es.	27)	Ra, 14,891	Rn. 565	273	Rn. 15,029	Re. 674	Rs.,	NIP

ASSAM-BEHAR STATE BAILWAY.

PURNEAU SECTION.

Approximate Return of Traffic for week ended 21st May 1887, on 39 miles open.

	Coaciliad	TRAFFI	c.		MERCHANDIAN THAP	AND MINERAL PLG.	Oth	hот овет	211160	Tota	1			TRACT-MIL	Ra ara
	Number of passengers.	Conch			Weight carried.	Receipts.		out irruste		esrnia		Conshir		Merchan, disc.	Total
		Ra.	A	9.	Mns. s.	Bu. A. P.		Ba, a	4. 2.	Ba,	A. P.				.—
cotal traffic for the work or per mile of railway or provious 6 weeks of half-	2,540 40	395 295	0		29,684 D 780 O	9,040 0 0 76 0 0		20	0 0	4,765 98	0 0		70	608	1,091
2007 to 10 10 10 10	19,211	8,856	a	0	1,45,574 0	34,45s n 0		80	0 0	20/051	0 0	2,05	54)	1,822	6,770
Total for 7 weeks	18,751	6,851	0	0	1,78,833 n	17,393 6 0		100	0 0	29,840	0 0	B,47	24	0,450	7,85
COMPARISOR.															74
of previous year of previous year or talle of rathway correspond-	Hibran						! 	*****						4++ -	
ting ported of previous year obal to corresponding date of previous year	414.44	411			*****							Photos	1	Makapa	

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Assam-Behar State Railway.

	M FOR WEEK		RECEIPT	IS FOR WEST	ENDING	A1	L NECREPTS FRO TRUE 158 TO W VOING 18	303030	AT	t. Excupts pro RIL 1657 TO W HEG 218T MAY	HE TO RE	Total	Total
Mesu Indense worked.	Blennypts	Trub0	Monn milenen worked,	Reseipts.	Per unite worked,	Mean milengi- worked,	Total remets,	Per male worked.	Blenn millenge worked.	Total receipts.	Per mile worked.	1887.	ФЕРГеоле и: 1697,
	Rs.	R.s.,		Re.	Ra.		Ra.	Ra.		Bu.	Rn.	ja Re.	Ra.
			30	3,745	fid.			,	ชิก	23 ,846	87	23.6±	

TIRHOOT STATE RAILWAY,

Approximate Return of Traffic for the week anding 28th May 1987, on 249 miles open.

	Coveren	o Trayric.		AND MINERAL	Other carnings	Total estudion.	TRAFFIC TRAIN-MILE	18 Mc S
	Number of passers or	Conclusion received se	Weight carried.	Reveipts,	(estimated).	rmai errange.	Comphing, Morohan-	Jula.
Total traffic for the week on 240 ,		Re A. P.	Mus. s.	Re. A. P.	Rs. a. r.	Ra. A. P.		
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CHIEF OFFICE, DARLERLING, the 4th June 1887.

D. L. Parstaur, for Secretary, D. H. Ry.



SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, JUNE 15, 1887.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the Sufficients reparately on payment of Six Rupess per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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EXTENSION OF THE LOWER CIRCULAR ROAD CEMETERY.

THE subjoined Resolution is published for general information.

By order of the Lieutenant-Governor of Bengal,

W. B. BESTIC.

Under-Secretary to the Govt. of Bengal, P. W. Dent.

Darjeeling, the 7th June 1887.

The following papers relative to the extension of the Lower Circular Road Cemetery in

Extract [paragraphs 9 and 10] from a letter from the Chairman of the Burial Board, dated the 13th February 1886.

Extract [paragraphs 7 and 8] from a letter from the Chairman of the Burial Board, dated the 25th June 1886.

Extract [paragraph 12] from the proceedings of the Burial Board at a meeting held on the 14th June 1886.

Memorandum No. 121MM, dated the 22nd October 1836, with enclosures, from the Commissioner of the Presidency Division.

2 memorial, dated the 3rd November 1886, from the residents of Baniapooker.

Letters No. 1811B, dated the 16th December 1886, to the residents of Baniapooker, and No. 1812B, of the same date, to the Commissioner of the Presidency

Letter dated the 18th January 1837, with enclosures, from the Chairman of the Burial Board.

Last year the Burial Board brought to the notice of the Government that the available ground in the Circular Road Cemetery would be filled in less

than two years, and urged that early steps should be taken to acquire more land in order that it might be drained and laid out ready for use before the expiry of that period. Enquiries were thereupon instituted regarding the cost of acquiring sufficient area of land for the extension of the Cemetery, and in January 1887 a report on the subject was received from the Burial Board. After considering various alternatives, the Board arrived at the conclusion that, notwithstanding the large expenditure that such a course would involve, the best solution of the question would be to expropriate sufficient ground for an extension of the Cemetery, calculated to last for more than 20 years to come, and recommended that measures should be taken to this end.

In the meantime, memorials were submitted by the residents of Baniapooker and its vicinity protesting against the proposed extension on sanitary and other grounds. The memorialists were informed that enquiries were being made with respect to the value of the land that would be required for the extension, and that, when information was received on that point, their

representations would receive due attention.

The whole subject has now had the careful consideration of the Government. The Circular Road Cemetery was opened in 1838, and on the recommendation of a Committee which sat in 1866, it was extended some years later (in 1875-76) to its present size. Since that time, the land in the neighbourhood has risen in value, while the means of communication with the outskirts of the town have been improved, and a higher degree of sanitation is aimed at. It has therefore become a question for consideration whether it would not be better. instead of extending the present Cemetery, to establish a new one further removed from the heart of the town. In considering this alternative, it has to be borne in mind that, with such a climate as prevails in Calcutta for several months of the year, any increase in the distance of the Cemetery from the town would entail grave inconvenience and additional expense, the burden of which would fall heavily on the poorer classes. It would only be by selecting ground in the direction of the Armenian Cemetery, which is to the north-east of the Circular Road Cemetery, that these disadvantages could be minimized, and it is open to doubt whether the saving that could be effected in first cost by taking up land in that locality would not be counterbalanced by the cost of keeping up for some years to come a dual establishment. On sanitary grounds there is much to be said in favour of increasing the distance of burial places from the more thickly populated parts of the town; but it has not been established that the existing Cemeteries have had a prejudicial effect on the sanitary condition of the neighbourhood, and until the suburban area is greatly improved in other respects, the presence of a well-kept Cemetery within its limits will rank as a minor evil.

On the above grounds the Lieutenant-Governor would have been inclined to accept, without further question, the recommendation of the Burial Board to extend the existing Cemetery, but the financial exigencies of the present time make the question of first cost of primary importance, and on this account it may be necessary to adopt a different course. Hitherto the cost of acquiring and preparing land for Cemeteries in Calcutta has been provided by the Government, this outlay being partially repaid under a system that has been in force for half a century of charging fees for monuments and graves. Latterly, however, the fees received on this account have not been sufficient to cover the expenditure incurred by the Burial Board on establishments and the maintenance of the Cemeteries, and it has been necessary for the Government to supplement the funds of the Board by an annual grant-in-aid. So far back, however, as 1868 it was laid down that the Government would on no account bear the whole cost of providing burial grounds for the community of alcutta, and Sir Steuart Bayley is decidedly of opinion that it would not be right, even if the Provincial Government could afford it, to provide such a large sum as that now required at the cost of the general tax-payer. Whatever form may be decided on for the extension, it will be necessary to hear this consideration in mind, and to make provision for increasing the income of the Burial Board at the cost of the community for which the Cemeteries are maintained.

These being the conditions, it needs but little consideration to show that the financial difficulties in the way of making an extension on a large scale

would be very great, and the question arises whether it would not be possible to economise space by a different disposition of the graves. With this object in view, the Committee which sat in 1866 recommended that masonry graves should be built in the form of cells in one large vault which, when filled up and closed in, would form a sort of continuous terrace on which monuments might be erected. Such a plan, the Committee considered, while economizing space by its uniformity and compactness, would have the further advantage of making the graves secure and lasting, and preventing the unsightly appearance caused in Cemeteries by graves falling into ruins. At the present time, economy of space is all-important, and though the Committee's plan was neglected 20 years ago, when the difficulty of providing ground was not so much felt, it may now, subject to any further modifications, be deemed worthy of more careful consideration. A visit to the old Cemeteries will convince anyone that the system hitherto in vogue has many defects, and to such a large migratory population as that of Calcutta, a well-designed arrangement, which would ensure the permanency of the graves and monuments without requiring constant attention from the friends of the deceased, would be a welcome boon. Such an arrangement would not necessarily put a stop to the use of entirely separate graves, but for these a proportionately higher ground fee would have to be paid.

The main considerations governing the problem have now been stated, and the Lieutenant-Governor is of opinion that, before moving further in the matter, a representative Committee should be appointed to consider and report

on the following points:-

I.—By what means the additional ground required for Christian Cemeteries can be most suitably and economically provided; whether by extending the Lower Circular Road Cemetery or establishing a new one elsewhere.

.—The possibility of economy in the use of space by adopting an arrangement of graves different to that which has hitherto been

in use.

III.—The period for which provision should now be made, and whether the land required for the full period should be acquired at once or taken up by degrees as the accessity arises.

IV.—The cost of carrying out the scheme recommended by the Committee, inclusive of the value of the land and the expenditure to be incurred in enclosing it and making it fit for use, and the cost of mortuary chapels, lych gates, approaches, &c.

V.—The means by which the project can best be carried out finan-

V.—The means by which the project can best be carried out financially; whether by making a loan to the Burial Board, leaving it to that body to propose such an increased scale of fees for masonry graves as would enable it to pay the interest and sinking fund charges, or whether by any other plan.

The following gentlemen are accordingly appointed to form a Committee for this purpose:—

The Chairman of the Burial Board

The Senior Chaplain of St. John's Church
The Rev. M. Hengesch
The Rev. G. G. Gillan
Mr. W. C. Madge
Mr. W. Rigordy
The Health Officer of the Corporation
The Chairman of the Suburban Municipality
The Superintendent of Works. Calcutta
Mr. W. B. Gwyther, Assistant Engineer

President.

Members.

Members.

Secretary.

Copies of the report of the Committee which sat in 1866, and of the recent correspondence cited, will be forwarded to the Secretary, and the Lieutenant-Governor trusts that, after considering the subject in all its bearings, the Committee will be able to recommend a solution of this important question, which will be satisfactory to all the interests concerned.

C. M. BROWNE, Colonel, R.E.,

Offg. Secretary to the Government of Bengal,

CYCLONE IN THE BAY OF BENGAL.

The 14th June 1887.—The following papers on the late cyclone in the Bay of Bengal are published for general information.

COLMAN MACAULAY

Secretary to the Government of Bengal.

No. 2092, dated Calcutta, the 2nd June 1887.

From—Captain A. W. Stiffs, i.M., Port Officer of Calcutta, To—The Secretary to the Government of Bengal, Financial Department.

I have the honour to submit the following report of a severe cyclone, of which the centre passed over the Sandheads and pilot station.

2. From the 20th May a storm was reported by the Meteorological Department as forming in the bay. Owing to the regrettable absence of any station at the Andamans it was not possible to speak positively as to its location or extent.

3. Further, on the 24th, 25th, 26th and 27th May no reports were received from the very important station of Diamond Island. I would respectfully point out that this failure of signals took place also in the cyclone of the 16th and 17th June 1886, when no reports were received from the 15th to 19th inclusive; also from the 17th to 20th November inclusive, before the cyclone on the 28rd idem. It is of the utmost importance that this important

station should be in the highest degree of efficiency.

4. On the 24th May, probably owing to the absence of the Diamond Island report, it was thought that the storm was crossing the bay to a point near Vizagapatam, but on the 25th it was found to be advancing to the east of False Point, towards the Sandheads, and at 8-50 A.M. the signals were hoisted in the river indicating the passage of a storm of moderate intensity to southward of Saugor. No ships arrived in the river on the 25th or 26th; and on the 24th, 25th and 26th no vessels left the river, excepting the ship Godiva, which left early on the 25th, in tow of the ateam-tug Betriever, and the S. S. Sir John Lawrence (Chandbally boat) with upwards of 730 native passengers, which left on the afternoon of the 25th. All other ships waited either at Diamond Harbour or Saugor; and the other two Chandbally boats, the steamers Tyrone and Curlew, waited at Kedgeree, and no damage was sustained by any of them, except loss of anchors, &c., by some.

5. The storm blew with great fury, and the sea is described as being beyond the experience of those who went through the storm. Its centre passed the pilot station about 8 P.M., and thence travelled to westward of Saugor about 3 in the morning, and passed inland near the Subarnrekha river to eastward of Balasore about 5 in the morning of the 26th. The cyclone at Calcutta amounted to a moderate gale only. The storm-wave passed up the river fortunately on the ebb, and although the low water level was quite 8 feet above the normal, yet before high water the effect had passed, and the high water level was only 4 feet above the tabulated height for the day. It appears that much land between Hidgellee

and Subarnrekha has been overflowed.

6. On the 26th nothing was learnt in town (beyond the actual strength of the wind at Saugor and False Point) of the results of the cyclone, but the Resolute was despatched by the Port Commissioners at day-light on the 27th to visit the lightships and Sandheads and give any assistance required. The Undaunted, being still in the hands of the Dockyard, was not able to proceed, her boilers being under repair. The repairs were commenced on the 12th March, and it was hoped would be easily completed before the stormy season, but the patching of boilers is slow work, and has occupied a much longer time than was anticipated.

7. On the 27th matters appearing to be more serious, the Retriever not having returned, the Chandbally steamer not having arrived there, and no vessel having come into Saugor, I considered some further action urgent.

and resolved to take up a vessel to proceed to the Sandheads to get news of the brigs and to search for missing vessels. Owing to the loss of the Retriever, Messrs. Gladstone, Wyllie and Company have now a monopoly of tugs, and they refused to allow a tug to proceed for less than Rs. 1,000 a day, the ordinary charge for towing being only Rs. 600. I learn that they have since charged the Godica Rs. 5,000 for towing her from the Gasper to Calcutta, the ordinary price being about Rs. 1,600 from the Sandheads. I therefore decided on chartering the Madras, a steamer offered by the British India Steam Navigation Company for Rs. 850 a day, including coal, and beg to enclose copy of the agreement marked A, and to solicit sanction to the arrangement. The Madras was coaled and despatched early on the 28th. Commander Jackson of the Undaunted was sent in charge of the expedition, and I engaged an officer of the Chandbally service to act as pilot in the Western and Sola Channels not usually visited by other ships. I beg to attach copy of the orders issued to Captain Jackson, marked B. The steamer Madras has not yet returned to port. I may mention that on the 27th the steamer Resolute experienced a very heavy sea in the Gasper Channel, and did not proceed to sea that evening.

8. On the 28th, the Cuckoo was also despatched by the Port Commissioners to visit the refuge bouses: she is expected back to morrow or next day.

9. The P. and O. steamer Nepoul, the first vessel in from sea thaving a special pilot she was able to get in), anchored at Saugor at noon on the 27th, and in the evening a telegram was received, marked C, which told a tale of great disaster, and confirmed me in my view as to the necessity of sending a second vessel. Owing to its being received by flag-signals, there was a mistake which led to the inference that the Retriever, and her ship, the Godiva, had foundered. Several light-ships were also reported as out of position.

10. Several vessels arrived on the 28th, one of which reported the brigs to be safe and on the station. I will here mention that the brigs put to sea, and passed through the centre of the storm, returning to the station at its close, and sustaining only petty damage. They each lost an anchor and chain, one boat and several sails, besides some hencoops and other deck furniture. One brig immediately took up the duty of Eastern Channel light-ship, burning blue lights at short intervals, the other attending to the pilotage work.

11. On the 29th, the other Chandbally steamers, which left after the storm, returned to Calcutta, having seen nothing of the Sir John Lawrence, which vessel they had been directed to search for en route. As we have received, vesterday, information that the Resolute passed through a large number of floating dead bodies, some of women, and as others have been washed ashore at Saugor, there can be little doubt that she foundered, and that every soul on board has perished. Her Commander, Captain Irvine, was a very experienced man, and had commanded vessels in the Chandbally trade for a number of years. He was, however, in my opinion, too ready to incurrisk. In the evelone in last June; he left a day before any other vessel had left the river, except the French Mail steamer, and on the present occasion the storm signals had been up for hours and seen by the Tyrone and Carlew, which vessels anchored at Kedgeree in consequence; they were passed, lying at anchor, two hours later by the ill-fated ship. The wind and sea at that time must have been tremendous. She had, I believe, 732 passengers, a large proportion being women of this place proceeding on pilgrimage.

large proportion being women of this place proceeding on pilgrimage.

12. Light-ships.—The Long Sand light-ship, the nearest to Saugor, was missing, and it was feared must have foundered, surrounded as she was by shoals, but she floated over all the shoals on the storm-wave and grounded below Hidgelee, where she is now nearly high and dry, but reported as not injured. She was first reported by the Curlew, which vessel sighted her on return from Chandbally on the 29th. The Deputy Conservator has gone to

13. The next light-vessel in order, the Upper Gasper, rode out the storm; the Lower Gasper also rode safely, after parting one chain. The Intermediate lost an anchor and chain and drifted about half a mile. The Mutlah Light rode out the gale safely, being out of its direct course. The Eastern Channel and Ridge Lights both parted and were reported missing: the Ridge drifted 40 miles, and afterwards made sail and returned to the vicinity of her station,

when she was picked up and put in position by the Resolute. Of the Eastern Channel, it is known that she returned to the station yesterday, in

tow of the Madras from off Pippley.

14. There remains the case of the Godina and steamer Retriever. which vessels put to sea on the morning of the 25th about two or three hours before the storm-signals were hoisted. I propose to hold a departmental enquiry on the pilot in charge of the Godina as to the propriety of his proceeding to sea under such circumstances. It appears that at that time the wind was light, and the glass had not fallen much, and the master agreed with the pilot it would be better to get out. The captain of the tug, it is said, did not make any objection, and the ship was towed out, and between 12 and 1 was cast off outside the Eastern Channel Light in the usual way. For the last two hours the wind and sea had increased rapidly, but it was not then possible to turn the ship back. After casting off, the ship sailed to the southward, got into the most violent part of the storm, blew nearly all her sails away, had her decks swept and cabine gutted, and her cargo shifted, so that she heeled over to port very much, -she returned or drifted back to the river, and has been towed up to town, where she will discharge cargo.

15. The Retriever tried to return to Saugor, but found the sea too heavy. and adopted the only course open of going out to sen-head to the sea. She has not been since seen. Marvellously the P. and O. steamer Nepaul picked up native fireman belonging to this vessel, who had been 17 hours in the water. and reports that she foundered soon after midnight of the 25th, and it can hardly be hoped that any other survivors of the unfortunate vessel will be

found. She was a fine new tug, and the most powerful on the river.

16. I attach copy of a report by the senior officer at the cruising station, marked D.

No. 78T-M, dated Darjeeling, the 8th June 1867.

From-Colman Macaulay, Esq, c.t.s., Secy. to the Govt. of Bengal, Municipal Department, To-The Port Officer, Calcutta.

I am directed by the Lieutenant-Governor to acknowledge the receipt of your letter No. 2092, dated 2nd instant, in which you submit a report upon

the cyclone of 25th and 26th ultimo.

You first advert to the interruption of telegraphic communication with the station of Diamond Island between the dates of 24th and 27th ultimo inclusive It appears that communication with Diamond Island was similarly interrupted for four days at the time of the cyclone of last June. You rightly observe that it is of the utmost importance that this station should be maintained in the highest degree of efficiency. Enquiries will be made in the matter from the Meteorological Reporter through the General Department of this Government. You have been separately asked in my letter No. 71T-M, dated the 7th instant, to report your opinion, with reference to the experience derived from the late storm, on the advisability of laving a telegraph cable from Saugor to the Eastern Channel light-ship, and the practicability of maintaining it

during a cyclone.
3. As regards the storm itself, you report that signals were hoisted in the river at 8-50 A.M. on the 25th, indicating the passage of a storm of moderate intensity to the southward of Saugor. You do not state what reports were received by you on 25th, but it appears that the centre of a violent cyclone passed to the westward of Saugor at 3 A.M. on 26th, and it is presumed that you were apprized of this circumstance early on the morning of that day. It also appears that a storm-wave advanced up the river on the ebb tide, giving at Calcutta a rise of eight feet above the normal, and affording unmistakeable evidence of exceptional disturbance of the weather at the mouth of the river. At daylight, on the 27th, the Port Commissioners' steamer Resolute was despatched to visit the light-ships and to render any assistance required by vessels in distress. On the 27th your apprehensions were increased, and you chartered on behalf of Government the British India Steam Navigation Company's steamer Madras, at a cost of Rs. 850 a day, and on the 28th despatched her to see. The Government steamer Undawnted, which had been placed in the Dockyard for repairs on the 12th March, was still under repairs at this time.

4. With reference to these points, I am desired to say that the Lieutenant-Governor, while confirming your action in regard to the Madras, and acknowledging the care and forethought with which your instructions were issued in regard to her voyage, is of opinion that in cases in which the approach of such storm to the neighbourhood of the Sandheads is reported, it would be desirable to take earlier measures of precaution. When it is known that a serious cyclone is advancing towards the Orissa or the Bengal Coast, a Government steamer should at once be despatched as far down the river as possible, to be ready to go to sea at the carliest moment to search for disabled or wrecked vessels, and to render assistance generally to scafarers in distress. The fact that in this instance the Resolute was prevented by stress of weather from at bonce putting to sea is not overlooked. This circumstance, however, in no way detracts from the need for provident action in such cases. Moreover, two steamers are shown to have remained in safety during the storm in the Kedgeree anchorage, and to have afterwards proceeded to Chandbally. Sir Steuart Bayley is strongly convinced of the necessity of promptly taking in such cases the utmost precautionary measures, without waiting for tidings of the actual arrival of the storm at any particular point.

5. The attention of the Dockyard authorities will be drawn to the delay

in completing the repairs of the Undaunted.

6. The actual loss to the shipping was confined to the tug Retriever and the steamer Sir John Lawrence. The first proceeded to sea early on the 25th, apparently before the hoisting of the storm signals was known. The Retriever was lost, but the ship Godiva, which it had taken down the river, went ashere and was ultimately saved You state your intention to hold a departmental enquiry into the conduct of the Pilot in charge of the Godina in proceeding to sea in the face of such weather as prevailed at the time, and your report will be awaited. The Sir John Lawrence, with 732 passengers on board, has in all probability perished at sea, and no witness remains to tell the story of the This appalling calamity, which has carried misery and desolation into many homes, appears from your letter to have been the result of over-confidence on the part of Captain Irvine, an experienced, but too daring, commander. It can scarcely be doubted that, had he followed the example of the commanders of the Tyrone and the Curlew, who had brought their vessels to anchor at Kedgeree two hours before the Sir John Lawrence passed down, this pitiable disaster would have been avoided. His Excellency the Viceroy has desired that the deep sympathy of himself and of the other members of the Government of India may be conveyed to the members of the bereaved families, and you have already been asked to add to this message an expression of Sir Stenart Bayley's sorrow at the affliction which has befullen them. Meanwhile Sir Steuart Bayley is of opinion that a full enquiry should be held in order to ascertain whether this vessel was really safe and seaworthy when she left the port. A statement which has been submitted to the Lieutenant-Governor by an ex officer of the ship has been separately forwarded to you for report. You are requested to hold a careful investigation of the allogations contained in it, and to submit without delay the conclusions at which you may arrive. The circumstances in which this catastrophe occurred also render it desirable for Government to consider whether measures should not be taken to give the authorities power to detain vessels on account of threatening weather, and to render it penal for commanders to leave the river when certain signals have been exposed. The Meteorological Reporter to Government will be asked to advise upon this proposal, and your opinion upon it is also invited.

7. The Lieutenant-Governor learns with satisfaction that the pilot brigs and the light-vessels have been saved, and he desires that his thanks may be communicated to the many officers of the Marine Department who displayed courage and resource in circumstances of much distress and difficulty, and who largely contributed by their efforts to mitigate the effects of the disaster.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Brayal, as reported to Government during the week ending the 11th June 1887.

No.		District and de	te a	e ,	nt S	infatl ordder tion in chea.	Character of the weather, state and prospects of the crops, and state of health at data.
ENG	BAL				1	1	4
10077	JE 201. (AP	Wastern Disti	nleta	١.			
1	1 1	Culna	10 1	1, '	7	0:51 ¥ 0:46 0:27	Feather - bright and dry. State and prospects of crops good. All agriculture operations in progress. Rice still cheap. Fover again reported.
ı.		Cutws* Rancegunge				1.27	
i	2 1	lankouth	n, 13	- /	37	0.74	Weather—seasonable. Sowing of our nearly over. Indigo and sugaroans growing well. Rain wanted. No change in prices. Public health good.
The state of the s	8	Bishenpur daestrause Rampore Hau	, 1	l, 1		0.20	Vesther—extremely sultry during the daytime, with cool mornings and evenings. Heavy rain has damaged the rice-seedlings and sesamum to some extent. The present dry weather will, however, admit of the sewings being completed, and is very favourable to young sugarcane. Prices have risen slightly. Public health good.
	4		, 11	,	87		Venther—werm generally; valu such storm at interval. Rarly sowings commenced. Some lands in the Tumtock sun-division reported to be damaged by the overflow of satt-water. Public health good. Weather—seasonable. Agricultural operations going on vigorously. Public
l	В		,, 1	1, ,	•	0.27	health good.
		Jelanabed				1.2G	Weather cloudy. Prospects of jute fair; some was injured by salt water at
		Howers Oulooberia	₀ 1	l.	87	0.77	the time of the cyclone, and the rainfall was somewhat deficient at the time of sowing. All other crops promise well. Rains seem to have set in.
		Control Dist	ript.	ð.			
{	6			1,	87	0.76	Weather—hat with occasional showers. Assessing still continues. Prospects promising. Public health generally good.
1	2	Nadden	,, 1	1.	P1 1	0.95	Wonther suitry with cloudy sky for the most part of the week. Rice and
. \	1	Kunhten			10.	0.83	indigo doing well. Jute was sown late, and so far is doing fairly.
		Meherpare			411	0:10	
		Ranaguat	, 1	, ,	87	U·08	Weather-hot with accasional storms. Ploughing and sowing continue. Aus ric
Particular	В	Khaulus				302	above the ground. Prospects favourable. Public health good. Westher-very hot. Paddy plants doing well. More rain wanted. Public
	j)	Jecore Jionidah	** 1	11.	40	0'57	health good.
2		Magurah			p. h -	0.84	
- 1		Namil Bongong			***	0.28	Weather-very hot ; gloudy at intervals, Amen being cown, Jule an
-	10	Moors becinfind Ladings Kandi	31	11.	'97	0:38 0:50 0:70	Weather-very hot : cloudy at intervals. Amon being cown, Jule an augarcane promising. Public health good.
				11,	4R7	0.97	Weather-very hot and close. More heavy rain during the week coused son
1	11	Thakurgson	20	,		0.41	damage to bhadoi and jute, but on the whole prospects late. Free
1	18	Rajohobye	27	11,	'87	1.68	Weather-hot and cloudy. Flooding of rivers, particularly Jabuna-and air from heavy rain has done grout injury in the Nongong sub-division a
		Nattore Nowgong			80	0.57	in theree Singre, Barnigson, Tenore and Bugmara. Bore padity, just the ing, has been nearly destroyed; til, and and assure have suffered considered, also jute in places. Sugarcate promising. Pablic health good.
BAJORANYS DIVS.	1	Киперото		11,	,	0.90	great change in prices. Weather-hot and still. Crops generally arrellent except where damaged
2	18	Gnibanda	p p		7	0.44	floods. Aus dhan is being out. Cuclers has almost disappeared.
	1	Nilphamati Kurigram				1.64	Wenther-very sultry with necessional clouds and slight man on four da
	16	Bogra	31	11,	'87	0.89	Coming of one and inte studied do account of recond wery the
H		Now khille			1 84	0.68	rain. Considerable dutunge done to grope in places. Public health fair. Rain stopped; weather hot and sultry. Prospects of crope good. Gauss
	15	Pubna	113	11;	'87	1.79	Luality mond
	18	Dárjashug Dárjashug	24	11,	'87	0.00	Weather - seasonable. State and prospect of crops tavourable.
	17	Julpigoree		11.	10	0.88	The week has been exceptionally hot; very little rain. The fine hat week has done good to all crops, too much rain having fallen in Mny. It however, is more or less permanently injured. In the Alipore sub-divisionally rice is said to have suffered from excess of rain. Cholera has braging in parts of the sub-division, but has somewhat abated.
		Bartorn D	lade	ieta.			
	1,000	Dane	Inc	n 13	. '87	2.77	Weather-hot. Til is being cut. Amen paddy and jute fining well. Dam
	118	Maniekgun	grø		207	1.63	Weather—hot. Til is being cut. Amen pandy and the caldien rise of it to paddy crops in low lands is anticipated owing to sudden rise of it On the whole prespects of crops good. Public health generally good.
0.8		Mumbigung Narangung				2.64	Weather - hot with clouds. Prospects of crops astisfactory. Pahlic hes
THE] 11	Parreeduure	PH	. 11,	'87	£0.97 0.87	Weather hot with clouds. Prospects of crops same
DADOA DIVISION.	20	Madaripore Goslundo Baokergunge	3.	, 9,	'67	2:99 2:99	Weather-very hot. Slight injury to one by recent flood in Patnakhali Bhole. Cultivation of assess going on. Bain wented, General he
340					, 1		good.
A	21		que	10,			
	1	Jamalpur, Kinhoregu	0.00		111	31.14	to the first term of the first
		Attia	-		***	9:24	
		Netrokous			***	5.60	

1	Na.	District a		te of		Bainfall at Sudder Station in income.	Character of the weather, state and prospects of the cross, and
	201A1	t and t					
D WI	NUA	L-conid. Eastern Distr	niafa	.eomi	el.		
	. 90		Juna			1.92	Weather example with propriet decire
14H.		Nonkbolly Fenny	**	10	**	1·29 2·99	Weather—scanonable with occasional showers. And is being transplanted Frices stationary. Cholers still reported; public health otherwise good. Weather—generally hot and close with occasional scancy rainfall. More rain argently wanted. Rice now 20 seems pur rupes. Public health fair.
Carriagone Drys.	24	Tipperah Chandpur	zi	9,	*87	8:84 2:40	Wanther-seasonable. More min would be acceptable. The crops are flourishing in every respect; those that are rips are being gathered in with gooresults. Public health fairly good.
Care	\$5	Chittagony Hill Tracts	11 34	7,	'87	1.95	Wenther-excessively but and cloudy during greater part of the week. Three fourths of joom sowings completed. Early paddy crop thriving well. Sugar came doing well. Public horitic continues good.
(Sill Tipperate		9	**	8-68	Weather-het. Sowing of aus paddy over. Prospects of chillies, sugarcan and sil continue good. Public health good.
pr:	HAR						
4	26	Patna.	Jana	11,	*87	1.68	Weather—excessively but and close. Fields are being prepared for bhade sowings. In some places bhades sowings have commenced. Prospect of sugarcane continues fair. Cholers reported from the Bark and Behar subdivisions.
	27	Gya	- au	11	16	1.16	Weather-hot. Blads: being sown. Sugarcane doing well. Cholera, feve and small-pox reported.
		Shebaded	**	11	20	Nit	Weather—very hot. Preparation for bhadoi sowings in progress. Engarence doing well. Cholera reported from the Bhabbun sub-division and elsewhere in the interior of the district in sporadic form. Prices stationary.
PANEA DIVE.	NA	Durbhunga	n	11	41	0.11	Weather-very hot. Prospects of rice continue satisfactory. Shadoi has commenced to be sown. Prices remain stationary. Cholura reported from the Madhubani sub-division.
	100	Monuferpera. Hajipur Sitamarhi	10	11,	*87	Nil 0-13 0-65	Weather—cool during the early part of the week, but excessively hot during the latter part. Prespond of crops promising. Early rice, observe, same and knowle coming up well. Moone being respect in places. Sowing o bhadel crops in progress. Cholera still prevails in the district.
-	81	Sarun Sowan	. 72	11	ar 	0.88	Wenther—damp and sultry. Prospects of crops favourable. A severe storm accompanied with rain, caused much damage to trees and plants on the 5th Sporadio cases of choicu still reported.
ļ	82	Chumesenn Bettish		11	100	1.19	Weather—very hot. Prespects of indige and other standing crops favourable Sowings of bhadei and aghani in progress. Prices stationary. Choices in all parts of the district, but somewhat abating.
-	58	Mongrayt. Jamui	Jane :	11,	187	Nil 0:45	Wasther—very but and sultry. Ploughing and sowing of thadol rice going or blinkly throughout the district. Prospects favourable. Cholera continue in the Sudder and Beguseral sub-divisions, and has rather increased in the Jamui sub-division.
DIVE	34	Hangulnore		11	**	0:21 1:04 1:17	Westler—sultry. The spell of the weather has done much to right the damage done in low lands by the heavy falls of proceeding week. Sowing and outting vation going on brighty and all prospects good. Public health improving.
	U5	Purcean Kishengun Arreroah	ge .	11	23 224 188	3-72 0-53 1-06	Weather bright and genial. The countion of the heavy min has saved the crops, which are now doing well, with the exception of induge.
BRADVITORE	86	Maidah Chanchal Gajoi	44	11,	*87	0.09 1.46 1.5	Weather—very hot; generally bright, but occasionally cloudy. Harvesting of boro paddy almost over; outturn good. Rhadoi crops doing well. In some places winter puddy bring sown. Average price of common rice about 234 seems per rupec. Public health good.
1	27	Southal Pararo Deoghur Godda Jantara) A (1)	11	404	0 1.6 0 18 0 35 0 19	Weather—hot and cloudy; southerly and controlly winds and occasional showers Ploughing going on. Rice and indian-corn being sown. Sugarcane and indige doing well; but indige on char lands and bere paddy slightly damaged by late storms. Public health good.
Q In 1	Bris	Pakeur Rajmehal			**	0.96	
	30	Cuttage,	Jane	10,	*87	0.85	Weather—hot, but cloudy at times. Ecwing of rice in progress; plants coming up in places. Rain of 8th was bounded to sowing. More rain shortly expected. Common rice 18t seems per rupes in town. Public health generally good.
Offices Days.	69	Pooree	4	9	nb	0.01	Weather—hot and cloudy. More rain wanted. Savad paddy being sown Common rice 25 seem 5 chittacks per rupse in the Sudder sub-division and 21 seems 6 chittacks in the Khoords sub-division. Cases of cholers and small-
1	40	Batasora	1.5	10	4)-	Nil	pox reported. Weather—hot and cloudy. Ploughing and sowing of rice have recommenced. The cyclone of 26th May caused loss of some mettle on the someonst; nine persons only died from exposite and shock in the mofussil. Public health generally good.

No.	District a	nd day	te of		Rainfall at Sudder Station in inches.	
	HABPORL.	4900	ide .			
61	Basariouge,	June	10.	*87	0.22	Wenther—unsettled; occasionally cloudy. Sowings in progress all over the district Sugarosus much benefited by the late rain. General health good.
43	Louisaujten	, 91	11	D	2:11	Weather—hot and cloudy. Sowing and ploughing going on. Bain wanted Prices steady. Cholors and small-pox still reported from Palamow.
43	Aingbhoom	74	10	ai	0.08	Weather—hot and steamy. Very slight rain. The regular rains cannot be said to have set in yet. Teo paddy being cut. Paddy newly sown already approuring. All arope progressing favourably. Cholera in parts; otherwise
44	Nanhhoom Govindpur		11	13	0.68	public health good. Weather—oversional dust-storms; otherwise hot. Rains not yet regularly broken Fields being ploughed and sown with rice. Sugarcane and cotton doing well Public health good.

Published for general information.

CALCUTTA, REVENUE DEPT.; The 14/h June 1887. P. NOLAK, Secy. to the Gavt. of Bengal,

Results of the Meteorological Observations taken at the Alipors Observatory from 5th to 11th June 1887.

			bright.	Daromotar .	1	'españ	APPRE	•		Hyone	Muter	. '	Wins.			
Mouth	Duths.	Marinam is one.	Kamber of hours of bright stanking.	Men present bare at 63" Pakr.	Kop.	Marimus.	Raspe.	Militar	Monn wet bulb.	Vapour tencion,	Dew point,	Mumidity.	Prevailing direction.	Milite reserded,	Rain,	WHATHER
1887.		0	,	inches.	0	0	,	0	0	Emphas	0	1%		1	Inches.	
र्व्याप	5th	148-0	15	20.542	83-7	914	11-2	80-3	7819	0.931	77-1	-	SSE and variable	174	0.56	Chiefly cloud
н	Oth	148-0	7.3	-520	85-0	92.5	19-9	72-6	60.0	1960	28-0	80	SSW and 3	178	NR	Chiefly cloud
н	7th	162-5	8-1	-589	86.5	94 0	21:3	72-7	81-3	1.002	79:3	80	SSE and S	143	P 3	Partially cloud
a I	8th	150-7	87	-595	87-0	93 ∙9	14-2	79-7	81-2	0.980	76-9	=	S by E and variable	-	,,,	Chioffy cloud
· .	9th	148-5	8-1	-602	85-8	92.0	13.8	78-2	79-7	-939	77-3	78	WNW and SSE	77		Chiefly cloud
14	10th	150-7	74	-579	85.6	91:7	12.6	79:1	70.8	*873	75:1	71	SSE and ESE	113	ŤI	lilefly cloud
	11th	151 5	4-4	·541	86.2	89.7	11.0	78-7	78:4	-802	75.6	75	BE by E, E and ESE	145	Ø-02	Chiody aload
3	he to	verage	pres	re of to	the ours o	correi f brig	ht uu	nabir	0.0		4 yes	urs,	8. G.'s Office	,	29 31	9:559 9:578 100rs, 5:5
3	he at	rerage	tem	rature	e of t	he co	ггавр		g per	ied fo	r 24	, yez	rn, S. G.'s Office		88	5.8 5.8
				ation o		perat	tere			***		***	4 E v			l·4 l·0
T	be h	ighest	veloc	rity of	the w	rind is	n one	hour		444		141	+64		-84	ties, 17
T	he hi	Spens	press	ure of	wind	on o	ne eq	eare i	foot			• • •	1	**		11 '/_
				e humi ive hur		of th	***		ndin _i	 g perio	od for	34	years, S. G.'s O	Cioe		77 79
T	he av	rerage	fall	rain front of the community and the community of the comm	corre	pondi	ng pe	eriod	for 2	4 year		Ġ,	s Office	****	0·1 2·4 11·5	58 48

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph. and from observations made at 6h, 10h, 16h and 22h.

The average fall of the corresponding period for 24 years, S. G.'s Office ...

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet shove the ground.

The barometer readings are corrected approximately to these of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph,

The month of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers, a dew, < lightning, strong wind.

A. PRDLER,

12:91

For Offg. Meteorological Reporter to the Govt. of India,

METEOROLOGICAL OFFICE, GOVT. OF INDIA; Calculta, the 18th June 1887.

Meteorological Report of the Province

	1		1							A	OBSE		-				
}				Am	Preser	EII.				Tim	WRATU	RB.		Hvm	DITE.	OL	005,
	District.	Representative stations,	Highest, 104.m., burbbieter resid- ing of growth,	Lowert, 19 A. E., carometerread-	- 3	Mean reduced to cor-level.	Variation from	Harbert of month.	Lowest of month.	Mesu daily mail- mun tempera-	Mean daily migi- mint tempera- tare.	Mean daily tem- peraktive.	Faristion from normal mean.	Mesto, 10 A.M., bumidity.	Variation from normal mean.	Mean cloud	Variation from
		Gopalpore	20'834	29'467	291637	20'687	088	P3'8	74'0	88'4	HS,8	05-2	+1'6	78	_	8:3	
(Pooree {	False Point	29:876	201471	99:001	29*870	081	86'5	701	67.0	77'0	88'0	3 ⁴ 1	75	-8	6.6	6
,	Cuttack	Cuttack	20.810	29*426	\$0°608	Selyen	-1007	118.0	70'8	191-8	81.8	B1.8	+0.9	.68	·F	57	+1
	Balancre	Balazore	£17.719	291078	30.610	29.068	101	102.1	89:9‡	98.85	78.01	R&'R†	*0'8	90	-	11.0	-
	South-West Midnapore and South Si-Pergun-naha.	Saugor Island	291565	39'384	30.084	29.710	053	9617	70'5	192'0	80'7	8614	+08	77	3	7'1	+1
ı	Midnapore	Ridnapore	89-720	191084	20.124	291(65	073	107'0	66'7	97 P	7710	67-8	-0-8	64	-	81	-
	se-Pergunnaha, Howrah, and Hooghly.	Calcubta	291805	291466	19167(39.097	090	0.84	65-2	987	7718	84;8	-01	ABD	-7	0.4	+(
	Burdwan	Hurdwap	201797	29-364	29-494	29-591	003	107'9	0714	96-0	77'9	86*	-0.9	84	-3	តាច	+1
ì	Rankoora	Bankoom	29:0319	80'018	29:355	-	j	1091	03'7	9610	77:0	87-8		65	- [Dis	_
	Wort Surdwan and Boorbhoom,	Banigunj	29'504	38-131	29-851	-	'088	110.0	64-8	56.0	78'0	88-8		62	-	8.8	-
	Moornhedabed	Berhampere	39'831	291463	29°CM	29.701	078	104.7	68'2	96'0	76'5	8518	-1'6	m		5%	+0
	Nudden	Krishnagar	2978393	29:507	20.005	-	_	103:8	06'8	96'8	76'3	68-8-	÷ .	69	_	51	-
ď	Jessore and Chooles	Jemore	2018/17	29:647	20'690	29.723	024	9013	680	9316	77'0	8516	+0.1	78	-1	6.6	+1
	Chittagong	Chittagong	28*810"	\$9.946°	19·682*	20 771	OSB	90'5	70-0	89.5	70'7	6312	+0.B	86	-12	7.7	+3
1	Chittagong Hill Tracks	Dommegri														i	
	Backerguni	Barrisal	29°668	\$6.000	29.718	201730	-1049	98'5	Bu-R	90 %	77*7	84'0	+8.8	28	-	5.15	-
	Noskholly	Nonkholly,	\$0-903	\$0.280	29'707	20'750	_	D4:0	07.5	96'1	741-8	85.0	+1%	76	-	579	
ı	Furrosapern	Purresdpore	29.643	\$9,968	20:003	_	085	9.30	67'0	8717	78'9	8.T.D	+0.3	978	-	8.8	-
ľ	Диоси чи	Ducca	291873	19-583		20'787	1027	D8-1	98.9	91.4	77'4	3414	+1'1	74	-8	6.0	+0.
	Tipperali, in	Commillah	201861	29'586	29 700	201749	-1032	98'3	68.8	95.3	76'6	84'6	+2'7	76		5'4	-
	Mymensingh	Mymensingh	20'812"	ZA SON.	59.036.	20'701"	- '085	102.6	68'8	90'2"	76'5	82.3*	7.1	69		6°5	
i	Pubna	Semigunj	25/ B54	29'642	29 670	20-726	092	98'6	06'7	0310	76'6	83.8	+1'3	78	-	57	
1	Rajohahiya	Bampore Beau-	20'798	29:407	89-G30	29-707	-1001	10514	65'7	95.4	7414	8410	+0.1	68	- 1	10	_
		limb.	Out 4DB	ac-na	en este			10.00		Ann. Ir	Man ext	DAM.		et III			
i	Maldah	Maldab	201770	29°460	29.526	29'715	024	105'3	05.2	96'3	75'0	86'11 -	454	70	_	3.2	
	Rungpore	Rangpore	20 775	29-407		201734	071	8.60	66.3	30'1	74'1	89'3	+9%	78		1.8	_
	Julpigorse and Cooch Behav.	Julpigoree	23'654	10.119	#9.440	20'740	069	99.T	64.8	87'8	72'0	60.4	+1'6	931	-	0.2	
. [Darjonling Hill Tracts	Dageeling	*28'065	12'830	22.965		-,000	721	40'5	62.6	529	58'3	484	87	. 1	714	40
ı	Purnesh and North	Purnesh	99'773	291435	20"589	20'707	-1848	104%	66'7	59.9	78.7	8618	+1'8	69	-7	3'8	+0
ı	Bhagulpore.	he	i				,		.,		4.4					Ì	
J	Durbhungs	Mosufferpore Durbhanes	99-728	29:361	20:551	29-688	047	103'0	ations	94'9 1	77 H	B6*2	+0-7	70	+6	414	44
	Chumparus	Matings	B0.623	39*814	20'640	20-676		105.8	56.3	98-0.	76-2	68.1	+1'4	50	-	619	-
		Chapte	29'076	29*537	29'484		480	100'5		100.0	77'9	8910	+1'0	87	-	97	44
	را	Deares	191466	291156	89°27 8	29-619	-,00H	108°D	72.0	97'8	90.0	88.8	+0%	879	40 1	1'9	-
	m Bededadu	Buxar	90/870	29.492	29'409	29'845	-1070	108'6	71'6	100'0	79'8	89.7	+0"8	44	- [213	-
	Į.	Armsh	39'604	28.900	201643	30.622	-*6HH	10916	73:7	100.2	75'6	89'5	+0.8	61		\$*d	-
	Gys	Оув	391486	29.063	2P'264	39'687	'87B	316.0	. 7818	103/1	81.9	62.2	+0.8	67	-2	379	+0'
1		Bankiporo	39.993*	20,214,		20' (64"		108-41	69'7\$	18.01	78:0\$	68-02	-1.0	46*	+8	9.6a	+0'
	South Bhagalpore and Monghyr.	Bhagulpero	20.214	29 1279 1	29-169*	29:060*	-:067	104'7	66.0	94'0	76'9	87.8	01	Gal	-	\$'3	-
	Sonthal Pergunnalis	Mays Doomics	39.180	28.260	291175	-	-1071	106*8	07'9	96'6	78'9	86'8	-0'4	78	-	8'0	-
1	Hasaribagh	Masaribagh	37-663	27'446	27'690	29:665	1047	106.9	68'7	97'4	39.8	86.9	+0.1	-45	0	1.8	40
	Loharough sed Man-	Kanakoo	37 780	27-861	27'066	29-622	→ 079	105'0	6519	63.9	781	85'0	+17	- 44	-	4.0	-
	Hinghhorm	Chaibasm	29,068	58.927	25.E8	-	-1093	11178	6917	101-0	79'8	80'5	40%	4.9	-	13	-
1	(1	Albangar	123,552	20.341	20:453	10'787	'046	. 05%	87'9	98.0	73'9	81/4	+9.6	78	-4	0.0	1 +0
	Among us of i	Dhabri	29-796	10.400	59.036	£0'754	094	07:8	63.6	67/2	74'8	80'7	+1.9	70	-1	9.0	+0
1		Silonar	25,914	29.210	29°670	10 778	- 1005	101,14	67'0	82.44	76'85	68.88	+3'7"	78	0	9.7	

Bengal for the month of May 1887.

	2.		87107	EEC TOLET	PATTAGE.	3,					
				BAIFFA	LiL.						
	-	Of month.				Since	16th May	1887.		Representative	DISTRICT.
triot.	Normal metar,	Variation from stean,	Number of rainy days.	Normal mean dum- ber of rainy days.	Men of dis- trict.	Normal tilelan,	Tarzation.	Mean num- berg rainy days,	Normal meno num- ber of rainy days.	inta-Storne.	Mistaior.
	-	-	-	-	_	_	_	_ }	_	Gopsipore)	
[C.20	9190	+2148	610	6.0	16128	1786	4-2:70	21.2	3.3	Palse Point}	Poores
0.18	3745	+8188	4/8	6-7	4:90	1.196	+2:94	214	3.0	Cuttnek	Cuttack
107	6'40	4-6/67	0.7		7'28	2.18	+6.10	217	412	Balamye	Balancee
3-60	6'85	-1.00	7*8	8.1	2.84	2-20	+0'7+	414	4.2	Saugor island	South-West Midnapore and South 24-Pergun-
g-93 j	8:00	4-0'84	P*0	7.0	3'09	1.08	+1.73	410	8-7	aliduspore	Midnaporo
613	B-68	4-0:80	10'1	9-7	2:70	8,03	+0.07	4'4	8-0	Calcutta	24-Persumushs, Howrsh, and Hooghly.
30.46	678	+5'70	107	B*2	8:40	2123	+6'19	6'7	413	Burdwan	Burdwan
6190	8:84	+1'00	0*0	0.3	8:40	1.63	+1'08	5.0	3.6	Baukoora	Bankoom ,
\$168	8'04	+8:64	10'8	2.0	0.44	1'86	+5'11	7*8	4.8	Hanigunj	West Hurdwan and Beerbhoom.
11:24	6'88	4-6:40	17.9	8-3	8'86	2:07	+0.10	6'5	616	Berhampers	Moorshedshad
0-20	. 6.18	+8'11	10:9	9.5	0.80	3.82	+3.43	7.0	810	Krishnegar	Nadden
5.88	6.89	7.03	9*8	20'7	1.77	8'88	-1'61	4*4	B-8	Jouson	Javeore and Khooina
213	10:18	2.00	9.2	18,3	2:17	5'47	-3.30	3.0	6.0	Chittegong un	Chittagong
7.20	8.70	-9.50	12'0	13'4	2184	420	-1'36	7'0	6*4	Demugri	Chistogong Hill Tracks
9'08	7-65	+0:48	818	12'7	1.90	4.03	-2:57	1/8	6.2	Barried	Backergunj
y rota	26'54	-1.88	11'0	13.3	1'57	2.07	-3'48	8.9	8.8	Noukhally	Roakholly
5100	8.82	-3.83	8.8	12.0	1.50	4'52	-3.23	3.3	6.0	Furreedpore	Purreedpore
B'68	9'4'1	6.83	9'8	13'5	1'41	6:15	-274	413	818	Dacca	Висса
681	1074	—3°93	73	13-8	0.30	4:03	-3.85	518	6.2	Commillah	Tipperah
80%	27.88	-378	8.8	12.3	2164	4*78	-1.94	910	0.7	Mymonsingh	Mymmulagh
6 93	7:70	+1.59	10.8	11.0	8-69	4:27	+4'82	7'8	. 5-5	Bogra	Boges
694	7:84	-179	3.8%	10.3	2:63	3.08	-1.20	7'0	514	Serajgunj	Puhna
797	8008	+1'95	8.2	9'9	7:37	3,15	+4:25	0.8	4'0	Enupers Benu- lenia.	Rajshabye et
10:27	4,09	+6'18	8.9	7'4	9150	3/84	+7'16	7"0		Maldah	Maldah
15'28	2.83	+9'85	9'6	8.3	14'05	2.00	+1000	7.2	3.8	Вільн ероге	Diasgepore
16'69	10.92	+0.09	11.8	12.0	13'18	6-07	+6'21	0.9	4.0	Bungpore	Rangpore
18'85	18'19	+5'00	16'6	16:1	14:03	9.48	+6:00	11'0	8.8	Julpigeres	Julphnores and Cosch Beliar. Darjorling Hill Traces
16'33	4,78 8.89	+1235	1.618	18'5	15-41 15-81	\$.51	+13.00	6-4	81	Purnouh	Purnett and North
676	2'10	+4'50	6:8	434	6'45	1'95	+5'40	0.2	376	Mozulferpore	Mozufferpore Ht Ht
674	2.50	+4'85	7'0	4/8	5'85	141	+474	5.7	1.8	Durbhungs	Durbhenge
234	2:09	-0.00	7'0	4%	978	1'89	+0180	6*0	27	Mosibari	Симиратия "
4163	שמיב	+8.10	2.0	816	4148	96'0	+5'58	4'3	1,2	Chupra	Baruz *** ***
891	7.07	+5'00	3:3	2-8	5'01	0167	+5'84	9-3	14	Buxar	Blahahad
6.739	1'86	+8'78	Fish	8.1	a-28	171	+617	4"5	17	Gya	Gya
727	1'78		5'8	8.9	771	1'07	+0.60	8.0	1/8	Bankipore	Patna
8100	2.10	+8.08	7'6	61	7:89	1.80	48'00	8'4	873	Bhagulpore	South Bhagalpore and Monghyr.
12.88	3-10	+9.70	9.8	818	11:70	177	4-9197	6.2	21	Naya Doomka	Southal Pergunaha
40	2*23	40.10	21.0	5.2		1.10			8:0	Hazaribagh	Hasaribagh
111	234	+ 4'97	6'6	4.5	0.21	1:19	+ 5183	418	6.3	Rauchse	Lohardungs and Man-
1348	871	+7'78	100	8'8	9'41	2.12	+1*29	5'0	49	Chaibses	Manahorn
ni da	Bestand	1104	1931114	p) 41	8+8+89	B40 HH	90-4 * *b	807010	/1 (4)60 00	Sibsegar,,,]
				51440+	015149	975448	994699	ADD -1.1	better	Dhubri	American and and

Table of Rainfall recorded at Stations

teorological	District.	Btation.	1	2	8	6	6	6	7	8	9	10	11	11	18	34	15	16	17	18	15
I) VALUE OF THE PARTY OF THE PA			,			ŀ		4						-							
PL	Postes	Poorse Khurdah	444		.14	0'90	14.0	p-h	111 111	***	6'01		411		***		w15	411	***		
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	Raissore	Salipore	-11	***	F.30	98.0	***	0.12		***	0.18	441		411	***	***	100	414	194	411	
		Bhuddruck Sarah Rajasara	914 ***	6130	449	0146 1164 0167	410	0.24	0.30	61.0	***	0°120	194	0768 0736 0734 0754	4 PEF +4+ 4 =4	184	***	111	10	***	17
TH-WEST	Midnapore	Barlpodah	0.7± 0°00 0°01	0.003	0,90	0716	***	700	***	0 10	0.40	0'28	***	6.20	0.02	0.09	116	***	100	***	*1.
rkeal.	a lace por a 1	Contai Sangor Island Tumlook Midespere	0.08 0.08	0.07	0.08	Plo	181	107	- 14		417	0.19 0.40 0.00	0'15	nitt	0.10	199	***	***	**1	***	-
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		Barbeta	41*	***	0140		14	***	***	h ha	0'17	* 5-9	100	0.31	0.50	-+-	*46	445	-41	-11	
	86-Pergumako	Diamond Har- bour. Canning Town Alpero Juli	0.37	414	0130	0:11 0:11	()*eu			.,.	0198 0145	1.22	h-6-	0:94	0.33		414		14.6	9-44 0-44	h1
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		Burdwan Cuiwa Rayas sanga	D'14	015	0005 0057 0002	0:70 0:50 1:20	141 177 148	171	#11 #26 P18	0,13	0124	0.08	6106	0°00) 0°02 0°02	0.62			1.0	100	200 200	#44 #**
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	Beerbisoms	Bh. Boory	-11	0103	-14	0168		111	414	0124	tus.	***	115	0 #A orași	141	1+1	0.05		-14	141	1114
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Bengal in May 1887.

8	13	24	36	26	27	20	20	50	31	ther of miny	rake number of	in minfall for the month.	Arsune minial for the mostle.	Hearing the month.	a) rainfall from Johnary 1907 up Sint May 1887.	seersinfall from January up to t May 1837,	Station.	District.	Mekanyologi est dirading
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Table of Rainfall recorded at Stati

etectological division.	District.	Mulion,	1	x	\$	4	6	6	7		ជ	10	11	11	15	14	18	16	19	18	
ant Brugal	Noskholly-	Harishpore			U-2h	0.75	741		1-1	171	4.70	4:50	8'21	++>	0.38			+#1		70.	1
-concld.	concid. Furrendpora	Rampanj Madariporo Furrecuporo Goalundo	440	0.10	0.10	0.402 0.402 0.403 0.404	* 44		918 918	17	0.18 0.18 0.18	0.70 0.35 0.20	4*00 0*47 0*20	0.80	1.6	***	0°05 0°28 0°20	794 771	0'17	400	l
	Duces	Munshigunge Ducca	ш.	11'08	0*05	0.80				100	0'%; 1'41	D*41 1*52	3114	ncho -		211	0.40		744 hp 4	414/66	4
		Naminkunge Mannakeunge	14 h	111	0.10	0.52	4 14 7 17 E 44	1 :::	DF 1	1 4+	6165 2012	0°05 0°05 1°71	1.91	0.53	ă*08	-10	0:87 0:61 0:50	441	***	4°6s	ĺ
	Hill Tipperalt	Agertole	***	411	***	UF40	***		141	***	2.12	0.47	6160	80.0	440	187	417	044	187		
	Tippersh	Comilia Chandpore Bruhmanteria		0.50	6710	R:23 1:00 0:17	***		489		0'20	1 '54 2 '04 1 '54	1156 1140 4166	0.65	614 641	741 415 417	0'17	018 019	100	7 No 	
		Ramchandra- pure. Nasirnagar	44.0	4 **	114			1111			0.72	173	310.8 310.0	0:07 1 18	0°51		0.28	***	144	41)	
		Resudiandi Kasha Laksham	948 *** 149	***		***	411		8+8 #44	1+2	1,50	1'90	7.63 5.63	0.03	114	+++	144	840 ark	10*	p44	
	Mymensingh	Kishoregunge Atm (Tangail) Hymonsingh	11 p	6119 6154	181	0.80	4 64			9 pm	1'58	0.76	* 84	1.10	0.17	1-29	1 000	0'46	- 81 - 81	**** ****	
		Jamaipore		1155 0177	141	021	***	4 P >	114	100	0.19	0.78	111	1.85	0.71 0.71	1°36 0°79	***	0'83 0'43	761	4704	
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RTH REPOAL	Pubna	Pubna Serajgungo	1++	0'61	184	0.50	**** ***	0.09	h- p	1 84	5,50 5,51	0.08	r == 1	0°36 0°99	410	1731	640	\$+0 u+0	0'16	0-85	
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	Rajshulaye	Panchibi		0.24		0.15	441		111	0.10	14-		441	.14	111	***	4+4	110	794	100	
	220,010-19-0	Nationa Naugum Latpers	117	0.20	6545	0.18	***	***	***	4++ + 11 + 4+ + 10	2'83	***	***	020	4)II 777 114	0.90	NI NI	# h# + h + p - d + #	0.93	484	-
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	Dinagepore	Blaindebpers Churamon Raigunge	0°65 0°17 0°31	0.04 0.11	3123	184	***		***	7 84 8 49	1.22 0.34	0+9 0+8	4 11 1 14	191	81-7 01-0	110	204 104	048 074 474	184 194 181	140 140	
		Unippopore	0.19	110	+ 8.7	0140		111			0.17	***	- 14	101	***	0.47		914	t-e.g.	n ed	
	Rangpore	Bhawanigunge (Gyabanda).	0.87	0°05	,,.	1.82	***	***	1:50	***	 0°08	***	***	74.	***	0'87		0'77		***	
		Kuracam Baracam	1161	0.11	7=	28.4 	800	141	-17	1.28	:::	147	441	** d FB-1	*** ***	3.38	104	0153 0186		140	
		(Ndphamari), Utipore	0.61	1-1	141	++1			1.1	-10	0.80	0.40		0.58	172	8:41	403	0'58 2'48	0:16	F11	
	Julpigoree	Alipore Doar Falucotta	1'15-	8779 8'00	0.50	488	416	144		411	2°60 2°76	***	2'84	0'71	0.12	0:31	2'08	0.84	1.87	1'08	
	Cooch Beliav,	Debiganj Diubstin Coodh Bebar	0.70 1.72 0.60	1100	0.63	414	***	114	***	0.13	0.18	***	0.08 0.09	0'51	0.06 2.75	1'07 2'25 0'75	6000	3°11 1 #4	1°70 0°75	949	
		Matachanga	0.82 0.82	411	0.05		*11	444	174	111	0°17 0°10	177	0145	0.68	016	1.02	0'06	1'70	1'50	772	
	Durjonling Hill	Buga Bulgari Darpeoling	0'94	181	0.50	144 (0+)	#14 #18 #48	***	0.09	9140 9180 9188 9188	0.88 0.91	0-04	0'70 0'04 0'17 0'85	2 80 0 15	0.01 0.01	9:46 0:72 0:02 0:08	0.16	0°17	0'87	 	
outh Bunan	Purneah	Kalimpong Kimongange Arrareah	1.20	***	-+- he/	11.	 		***	0.30	0*78 0*27	***	P+1	***	0'25	0.20	684	E+0	117	evel evel	
		Gandwara Bularampare	0.80		111				411	411	0.00	***	14)	bha tea	#19 #19 #60	194	100	27V	104	n in	
		Katuyani	0.23			B-14	470		,.,	0.00	0.03	F+4	414	***	0.07	481	ne4	919	144	940	
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		Roshera	0.84	P11		1,-	+4+	201		441	44.1	411	***	1.01	0.03	101	648	411	***	100 100	
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Rengal in April 1887-con	gal in April 1887-	contint	voa,
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:		-11 -14 -11	0156	0°16 0°12 0°19	1.78 1.38 8.64 2.80	2'80 1'75 2'00 4'00	3'82 0'86 1-50 1-95	0.92 1.90 0.99 1.00	0785 1776 1740 0780	8 9 7 8	7-7	18:57 7:08 10:91 10:55	3'01 4'66 F	7,00 3,48 1,80 5,85	16784 10709 13730 17 00	7'60 7'55	Maldah Chanobal, Gajut, Sibyanj,	Maldab	
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Hp	eth eth	***	011	0.03	0.08 0.08 0.08 0.31	0°87 1°99 3°05 1°69	0°73 0°45 0°49 0°88	0°75 0°94 1 09 0°89	5765 9763 9763 9763	18 16 16 17	16-4 14-9 14-9 14-8	19797	14:26 14:26 13:36 13:80	5°58 2°60 3°95 2°69	71.59 38.70 38.70	21'84 21'41 26'61 20'60	Uniotia Cocco Bolar, Mickligange, Matabasaga,	Goodt Behar,	
i i i	414	1	0 08	1°04 0'85 1'81 1'40	0192 1178 017 1128	5°78 5°55 8°90 2°50	1183 2100 9167 9168	6000 1000 1000 1000	1.13 2.70 1.80 1.40	18 10 10 13	16'4 14'0 18'0 15'5	20190 20190 10111 2180	21500 9784 7740 6779	3.00 3.13 3.02 3.15	\$8181 \$8181 \$6080	19,13 19,82 14,92	Bura Edigari Darjoding, Kalimpong,	Dargoning Hills.	
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Table of Rainfall recorded at Station

division.	District.	Station,	1	9	ş	•	3	6	7	B	Đ	10	11	12	13	16	16	36	17	18	1
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	Gys	Aurangabad Gya Nowadab Jehanabad Arteri Hauduapar Eherrahati Rajuati Pakri Eara	0:33 (1:01 0:34 0:34	0.01		6150	410 410 410 410 410 410 410 410 410 410	1	610 710 111 111 111 111 111	# 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1	1 mg 1 mg 1 mg 1 mg 1 mg 1 mg 1 mg 1 mg	004 004 010 010 000 000 000 000 000 000	048 048 040 414 070 047 047	-94 1980 424 484 1841 1841 1841 1841	40 h	121	148 144 144 144 144 144 144 144 144 144	**** **** **** **** **** **** **** ****	111 121 121 121 121 121 121		
	Paton	Patna Dinaporo Hebar Barrh Biokran Milea	0.14	610 117 117 117 118	* ## -	14-	4 m.,	441 64- 64-		4102		***	# 1 P h	455 464 485 484	P-1	# Mo- # Mrg - 112- 1 d d d d d d d d d d d d d d d d d d d		#1# #1# #1.5	10h	dia	10 to 10 to
	Mongbyr	Hemonord Mengtyr Janui Gopri Sheikpura	10-	0.81	***	D'42	* 14 * 17 * 17	401	4+1	0.17 1.31 0.75	145	***	### ### 646	1°65 0°85	****	20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0-0 0-0 0-1 0-1	***	**************************************	
	South Bhagul- pore,	Hangulpore Hanka Kalgong		0.40	441	481 1	*11	411	***	110	1:10 6:35 1:43	0.18	P-4	0:06	4=0	F 900		WIP WIP	***	,	
	Southal Porguinale.	Rajmehal Godda Pakour Nya Doomka Desghur Jamtara Somra Samhat	0°48 0°18	0.35 0.15 0.35 0.35		0.07 0.13 0.43 0.68 1.00	414	481		0'27 0'20 0'19	076	0'09	144 714 714 714 714 714	0.32	1-4 	**************************************		#18 #19 #19 #18 #18 #18	**************************************	*** *** *** *** *** ***	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CHUTTA RAG- FUR.	Hateribegh	Pachamba (Giridi). Baxaribagh bemagarah Mahnda Hills Harhi Gharra Koragdoka Karagdoka kanghar	0'45	0°15 0°10 0°20 21 0°41 0°14	0:47 0:18 0:18 0:25 0:11	0.43	ard ded per he	**************************************	**** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** **	0784	#44 	+++ +++ +++ bd = 1	*** *** *** *** *** *** ***		448 448 448 448 448 448 448 448	0 rd		418 444 444 448 448 448 448	0 14 0 14 0 16 0 16 0 17 0 18 0 18		21 22 24 27 27 28
	Lohardungs	Lohardugga Rancia Palamow Sitti Holumat Hossinchad Garwak	0.05	411 111 111 111 111	0.03	0.63 0.62 0.10	pap ini pas gas bas		464	410	F84	. 444 *** ***	4-1 4-1 4-1		110	0 000 0 000 0 000 0 000 0 000 0 000 0 000	411 +01 +14 +04 1	will will will will day day	161 161 180	***	4m
	Singbhoom	Chyebasm Obakradbar- pore, Ghatella Baharagure	4 84		0°02	1.00		44. 	104	0.07	0°07 0°28 0°84		0.12	0°85 0°45 0°80	he4 he8	has	117	1 E46	144		0
	Manbtoom	Purulm Gobindpore Raghunath- pure Barrabhoom	0.32	0.50	0*10	0'95 0'63 0'63		41.	404	0.07	0°10	441	140	0.00	918	***	***	F - 8	404	421 141 141	640

Bengal for the month of May. 1887-concluded.

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SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL ÓBSERVATIONS TAKEN IN ASSAM, DURING THE MONTH OF MAY 1887.

It should perhaps be remarked that this is the first monthly report in which are included the meteorological observations taken daily at the three most important stations in Assam; it is therefore possible now to deal with the meteorology of Bengal and Assam as a whole, and this will be the case throughout the south-west monsoon season. No additional stations in Assam, however, report rainfall to Calcutta, as is the case with the Bengal stations, and therefore it is only possible to deal with the general meteorology of Assam, and the distribution of rainfall over this area cannot in any way be discussed.

and the distribution of rainfall over this area cannot in any way be discussed.

The normal meteorological conditions in Bengal during May are to a considerable extent similar to those of April. There is the steady and increasing difference of temperature between the land and the sea area, and in this month this difference attains almost its maximum. The area of maximum temperature during May includes the western districts of South Behar, the North-West Frovences, Rajputana and Central India. With the increasing temperature of the land surface, the southerly winds blowing from the Bay of Bengal strengthen considerably, and owing to the physical obstacles of the hill systems to the east and north of Bengal, they appear as south-easterly winds in Bast Bengal, and as easterly winds in North Bengal. At the same time, however, the usual hot, dry westerly winds are blowing over considerable portions of fichar and Chutis Nagpur, and thus during May, as explained in previous mouthly reports, conditions are favourable to the production of the local storms called nor'-westers. These, it is prehable, are produced by the action of the opposing winds in elevating the moist sea broczes, and by this ascensional motion their water vapour is condensed, and sufficient energy is at the same time liberated to produce the well-known effects of these storms.

The southerly breezes which blow during this month at the head of the Bay are of considerable strength, and in fact at Sangor Island and False Point the wind velocities measured in May are generally greater than hose during the actual rainy season, but there is reason to believe that during May the current is of comparatively small depth compared to what it is during the actual monsoon period. These winds, however, carry considerable amonuts of moisture into East and North Begal, and in the neighbourhood of the hills ascensional movement takes place, followed frequently by local storms and by heavy rainfall. This action will account for the large rainfall which occurs during this mouth in the

northern and eastern districts of the province,

During May the distribution of the normal rainfall is simple, and the lines of equal rainfall run nearly north and south through the province, or rather almost parallel to a line joining the Chittagong Hill Tracts, the Tiperah Hills, the Garo Hills, and the Darjesling Hills, the largest amounts being received in the eastern and northern districts, and smallest amounts in the western districts. Thus the agrage rainfall of the morth is less than 2 inches in the southern parts of the Sarun and Mozufferpore districts, the Gya and Shahabad districts, and the western parts of Chatia Nagptri. To the east of these districts, up to a line running nearly north from the mouth of the Hooghly, the rainfall increases from 2 up to 5 inches. To the east of this, up to a linebassing through Rungpore, Jamalpore, Mymensing, Bramunberjah, Comills, and Cox's Baar, the average raintall increases eastwards from 5 to 10 inches. To the east of that line it acceds 10 inches, and increases rapidly amount towards the Garo and Khasa Hills and towards the Dooars, and at Buxa in the Western Dooars, the average rainfall in May is to less than 2.58 inches.

The meteorology of May is generally rather inportant, for about the second or third week, the south-west mousoon makes its apperance in the south of the Bay, and gives heavy rain and fairly strong winds at the South Leylon stations. The mousoon current gradually creeps up the east of the Bay, and ran sets in along the Arakan coast towards the close of the mouth, and it afterwards agreeds nto East and North Bengal early in

June

In the front of the advancing moneous current requestly evelonic storms arise, which are sometimes small and feeble, and at other times larger and of considerable intensity. When these eyelonic storms are formed quite in the outh of the Bay, they usually advance towards the Madras coast; but when the storms originte rather later, that is, when the monsoon current has advanced well into the centre of he Bay, the storms which then from appear usually to advance either towards the Arakan coast, or towards the South Brugal current.

Meteorology of the month.—The principal features (interest in the meteorology of the past month have been—

(1) a mean barometric pressure very decidedly bear the normal;

(2) temperature also distinctly above the normal o the average of the month; (3) rainfall very largely above the normal in all digricts except East Bengal

(4) a period of disturbed conditions during which heal storms or nor-westes were numerous from the beginning of the nouth to the 4th, anotherweight from about the 9th to the 14th, then a period of comparative algebraic of rainfall, during which an advance of tenth-west monsoon winds and place in the south of the Bay, and which carried the monsoon current to

about the Andaman Islands, where a small but very fierce evolone was subsequently formed, and which, after intensifying, travelled slowly in a north-westerly direction and crossed the coast close to and on the cast side of Balasore on the morning of the 26th, passing through Chutia Nagpur iuto South Behar when it dispersed;

(5) the inrush of monsoon winds following after the storm which spread over Bengal, and which gave beavy and general rainfall over the whole province.

At the close of April weather conditions over Central and South-West Bengal were a little disturbed, and in consequence local storms were rather numerous over the province. These conditions continued to hold good for the first four days of May, and nor westers were numerous during this period in South-West Bengal, East Bengal, North Bengal, and Chutia Nagpur, but the majority of the storms were not of a very violent character, and the rainfail accompanying them was in most cases light. A rapid rise in pressure took place on the 4th and 5th, when conditions became more normal and rainfall almost ceased; but on the 8th of May the changes of pressure which took place produced a distinct barometric depression over the western parts of the province, producing also a tendency for the winds to circulate round the depression. These unsettled conditions were immediately followed by rainfall, and local storms again became numerous in vorious parts of the province between the 9th and the 18th, the rainfall being generally beaviest in East Bengal. With the occurrence of these disturbed conditions, the pressure over the province became largely below the normal, but when these disturbed conditions disappeared, the tendency of the changes which took place in the third week was to bring back to a great extent the ordinary hot weather conditions to the province, and this period was marked by increasing pressure and temperature, a decrease in humidity, particularly at the western stations, and usually by absence of rain, except in Assam, which received rather heavy rain at this time.

Though the period from the 13th to the 20th May had, from a meteorological point of

view, been a quiet and normal one in Bengal, certain changes had been taking place in the Bay of Bengal. Stormy winds were blowing in the south of the Bay at the close of the previous week, but they shortly died away and became almost normal in force. On the 18th instant, however, winds began to increase in force again at the southern stations, and winds became north-easterly at Diamond Island and easterly at Akyab. On the 19th winds again strengthened in Ceylon, pressure fell at Diamond Island, where wind became south-cest, and wind at Akyab became north-east. These conditions developed still further on the 20th; and on this day it became clear that a cyclonic storm was forming to the west and north-west of the Andaman Islands, and the formation of the storm was being accompanied by a large increase in the wind velocity at Diamond Island. Conditions therefore at this period had become decidently disturbed in the Bay; and in the centre and south-east of it probably at this time weather was decidedly stormy. This cyclonic storm has naturally formed the principal feature of the remainder of the month, and the following description of its history is taken from the weekly meteorological reports issued from

The meteorology of the period from 20th May to the end of the month in Bengal has practically consisted in the history of the development and movement of this storm, which finally struck the coast near Balasore, and between that place and Saugor Island on the morning of Thurday, the 26th. During the period of formation and advance of the storm, the hot weather conditions in Eougal, which had existed for the previous week, became somewhat intensified; the winds fell off in strength and become a little variable in direction; humidity and temperature were very high, and weather generally very oppressive; but with the advance of the storm over the land, a total change of conditions took place. A strong burst of mensoon winds following the storm passed over the province, much rain was recorded, temperature fell largely, humidity became very high, and ordinary rainy season condi-

tions obtained over a large part of the province.

As stated previously, the storm appeared to be forming on the 20th in the centre of the flay to the west or north-west of the Andaman Islands. On the 21st the land observations appeared to show that it had somewhat intensified, and that it had moved very slowly in a northerly direction, though it was still to the south-west or west-south-west of Diamond Island. At this time it was ou -the east side of the centre of the Bay, and practically the only observations which showed its existence were those at Diamond Island, and even these did not indicate that it was a very severe storm. On the 22nd the pressure rose at Diamond Island, indicating that the storm was moving away from that station, and, so far as the land observations round the Bay showed, the storm had moved very slowly in a north-westerly or west-north-westerly direction. On the 23rd the position of the storm did not appear to have altered much, so far as the observations at the coast stations indicated; but it is probable that the storm was still slowly travelling in a north-westerly direction, for on the following day the pressures and wind directions recorded at the coast stations round the Bay indicated that the centre of the storm was about in the latitude of Vizagapatam and probably to the west of the centre of the Bay. In the Bay of Bengal daily chart for that day, the position of the storm was, as has been proved from subsequent observations, marked too far to the west of the Bay, and too near the coast of the Circars; but at that time all the indications at the coast stations pointed to the probability that the storm would cross the Ganjam coast south of Gopalpur or north of Vizagapatam. Observations received during

the afternoon and night of the 24th showed that the storm was still travelling northwards, and the 6 A.M. observations showed that the storm area was approaching the latitude of False Point and was gradually nearing the land. On receipt of these observations at 8-30 A.M. on the 25th, orders were given to heist warning signals in the Hooghly, indicating that a cyclonic storm would pass between False Point and Sangor Island. The centre of the storm finally reached the coast close to Balances at about 4 or 4-30 A.M. of the 26th, and it continued to travel in a north-north-westerly direction, and at 10 A.M. was west-south-west of Midnapore. It must have then passed to the east of Ranches, through Chutia Nagpur, and at 10 A.M. of the 27th the centre of the storm was between Gya and Hazaribagh, and was very rapidly filling up and disappearing. In the interval from 10 A.M. of the 26th to the 27th the storm had travelled about 100 to 180 miles in a north-north-westerly or north by westerly direction, or probably at the rate of about 7 miles an hour. The storm therefore appears for the first few days to have moved very slowly in a north-westerly direction; it then advanced more rapidly, and the direction of its movement became more northerly, and over the land it advanced in a north-north-westerly direction.

The cyclone proved to be much more intense than was judged to be the case from the land observations, and near the centre of the storm, weather was excessively stormy, winds were excessingly fierce, the sea was extremely high, and pressure fell very low. With regard to the force of the wind, a velocity of 00 miles an hour was registered at False Point on the evening of the 25th for the period 5-40 to 7-40 p.m. At Saugor Island a velocity of 67 miles an hour from 6 to 7 a.m. and from 8 to 9 a.m. of the 26th was registered. It must be remembered, too, that these figures represent only the average velocity of the wind for the times named, and that they do not in any way represent the force of the gusts which must have been much larger than those indicated. It is therefore not surprising that the anemometers at Saugor Island and Balasore were carried away by the wind, while at the river stations the fierceness of the wind was so great that the storm signal arrangements were at each station damaged, and could not be displayed for a pertion of the time. The river signals remained hoisted practically for 48 hours until the morning of the 27th. The lowest pressure at any land station recorded was at Balasore at 4-30 a.m. on the 26th, where a pressure registered at Saugor Island was only 29 180° at 4-5 a.m. of the 26th, so the storm centre must have been much closer to Balasore-than to Saugor Island.

On Saturday, the 28th, a very rapid increase of pressure took place over the whole province, the rise being most rapid in South Behar and Churia Nagpur. These changes accompanied the rapid filling up of the cyclonic storm, and on this day the storm had practically ceased to exist as anything more than a pronounced barometric depression. centre of this depression was to the east of Gya, and therefore the storm, or what remained of it, had remained practically stationary since the 27th, or perhaps had only advanced very slightly in a northerly direction. Winds, however, continued to circulate cyclonically round this centre, and both over the area occupied by the depression, and to the south of it, strong winds were blowing. The storm was thus clearly and rapidly breaking up, and with its disintegration excessively heavy rainfall was reported over Behar and North Bengal. On the 29th pressure again increased, the rise being largest in South Behar, where at some stations the increase exceeded a touth of an inch, and on this day even the slight barometric depression, which was all that had remained of the previous violent cyclone, practically filled up and disappeared. The life history of this cyclone may therefore be said to have lasted from the 19th or 20th of May up till the 29th, a period of 9 or 10 days only, of which the first two or three days, up till about the 22nd or 23rd, were occupied in its development and intensification, the next two or three days in its advance over the sea, till on the morning of the 26th the centre of the storm crossed the coast a little to the east of Balasore, while the remaining three days were occupied in its advance over the land and its rapid diminution in intensity until it finally died away in South Behar on the 28th and 29th. Though generated decidedly rapidly, it was of very much greater fierceness than is usual in storms formed at the commencement of the south-west mousoon; but on the other hand it was comparatively small, and the destructive part of the cyclone, or where the winds were very intense, does not appear to have been more than perhaps 100 to 150 miles

The raisfall brought up by this storm, particularly near the central line of its advance, was exceedingly heavy, though perhaps it was almost equalled by that produced by the storm when it commenced to disintegrate in Bahar and North Bengal. Near the central line of advance the following stations reported rainfalls of more than five inches within 24 hours:—Balas Point, Jajpore, Dhurmsala, Chandbali, Bhuddruck, Burdwan, Arrareah, Purneah, Arrah, Rajmehal, Pakour, Chatra, and Chyebassa.

Though the cyclonic storm thus ceased to exist on the 29th, the rainfall which was brought up by the storm, and that due to the powerful insush of monsoon winds in the wake of the storm, continued for several days longer; in most districts the fall practically did not cease even up till the close of the month. The storm may in fact be said to have commenced the rainy season in Bengal, for the southerly monsoon winds having once penetrated over the province, they will probably not again retreat, though of coarse a diminution in the strength of the current must be expected before a further inrush of monsoon winds accompanied by heavy rainfall will take place. The rainfall which was brought about by the storm in its disappearance, and the rainfall subsequent to it, has been of extraordinary heaviness, and

some stations reported nearly 20 inches of rain within 24 hours. These heavy rainfalls will

again be referred to under their appropriate beadings.

Pressure .- The variations of pressure during the month have been large, particularly during the time when the evelone was forming, and afterwards while it was passing through the western districts. For the first week of the month, though the fluctuations were rather large, the mean pressure for the period was not very far removed from the normal, and the general average pressure of the province may be said to have been about 0.005" below the normal. During the second week pressure fell almost steadily, and at its close it was tarnely below the normal, and the average defect for the whole of Bengal and Assam was equal to about 007". In the third week pressure rose slowly at first, and then fell with the formation of the cyclone, so that for the week the mean pressure was below the normal by considerable amounts, averaging about OOs". During the last part of the mouth the cyclone had formed, and in its advance pressure fell rapidly and rose again as the storm. recorded at Balasore, which was near the central track, and on hoard one of the pilot brigs, which appears to have passed through the centre of the storm, a pressure of 28.2" (uncorrected) was recorded. The changes of pressure during the passage of the storm were very rapid, and thus at Midnapore, which was some distance from the centre, from the morning of the 26th to the 27th there was a rise of nearly half an inch. For the whole mouth pressure has been distinctly below the normal at all stations, and in Bengal, taking into account only those stations from which records are available for a number of years, the mean average pressure for the month has been in defect of the normal The largest defects have occurred in Orisga, where at Gonaloore and False Point they are 0.08", and the smallest in East Bengal, where they are 0.039" at Chittagong and 0.023" at Dacca. In Assam the average pressure has been in defect of the normal by an almost similar amount to that in Bengal, and the defect is 0.051", and this defect is evenly distributed over the whole area.

Temperature-Variatious have also been large throughout the month, and have depended to a great extent on the distribution of the rainfall. Thus during the first few days of the month it was comparatively low, but with the cereation of the rainfall due to the local storms it rose rapidly. The average temperature of the whole province was therefore nearly normal, but in Assam there was a distinct excess. Owing to the absence of rain in the second week temperature rose very rapidly and became largely above the normal in almost all districts, the mean excess for the seven days in such districts as North Bengal and Assam being between 5° and 6°. In the third week of the month rainfall was very plentiful in Assam, and temperature in that district fell and became normal. but in other districts, where rainfall was to a great extent absent, temperatures continued largely above the normal, Chutia Nagpur showing an average excess of 7.1°, North Behar of 5.90, and South Behar of 5.50, &c. In the last week, as stated before, conditions underwent a complete change with the advance of the ovelone over the western districts, and with the setting in of rainfall temperature fell most rapidly; as it had previously been largely above the normal, the mean temperature for the last week of the month showed an almost normal temperature, except in Assam, where it was 2.4° in excess. For the whole month the variations from the normal have been comparatively small. East Bengal, North Bengal and North Behar show an excess of from 1° to 2°; in South Behar and Chutia Nagpur the excess is very slight, being less than 1°; and in South-West Bougal and Orisen temperature has been se and two-tenths of a degree in defect. The largest variation from the normal has been in

Assm, where the mean temperature has been 23° in excess.

The hottest period of the mouth was the third week, during which some extremely high maximum temperatures were recorded, and the following are the highest maximum temperatures in each division of the province during the period:—

Divisio)A.		. 1	Jate.		Station	l.	i	Tomporature
Orissa South West Hongal East Bongal North Behar South Behar Chutia Nagpur Ausam	740 440 744 644 888 888	100 000 110 000		May	nee pan pan pen pen	Cuttack Rancegunge Burrisal Rampore Beaulesh Chupra Gyn Hazaribagh Silehar	004 017 014 014 004 004	0.00 0.00 0.00 0.00	113'9' 110'0' 94'3' 108'4' 109'0' 110'1' 106'5'

Rainfall.—The times and causes, and to a certain extent the distribution, of the rain filling over the province have already been referred to under the meteorological summary; it therefore only ramaius to deal with the amounts which have been received.

In dealing with the rainfail of Assam, it must be remembered that the figures in the tables only represent the rain recorded at the three representative stations. Sibsagar, Daubri and Silchar. So far as can be judged from there stations, the distribution of rainfall

in Assam in May has been as follows:—In the first week light rain (about an inch) fell in all districts, the rainfall being heaviest (1.80 inches) at Silchar. In the second week Silchar received the smallest fall (0.70 inch), moderate rain (1.86 inches) fell in Dhubri and heavy rain (8.41 inches) at Sibsagar. In the third week moderate rain (from two to two and a half inches) fell at Sibsagar and Silchar, and very heavy rain (7.55 inches) at Dhubri. In the week ending the 27th, Dhubri received little or no rain, Silchar 1.48 inches, and Sibsagar 4.01 inches. Light rain continued to be general till the close of the week, and it was only quite at the end of May and beginning of June that Assam began to feel the effect of the inrush of monsoon winds following after the cyclone. For the whole of May the following are the total amounts of rain recorded at the Assam stations:—Dhubri 14.29 inches, Sibsagar 18.52 inches, Silchar 6.45 inches.

In Beugal the greater part of the rain was brought up by the cyclone and its attendant rush of monsoon winds, and thus the last six days of the month have been those of most general and heaviest minfall. As has been previously stated, some extraordinarily heavy falls of rain accompanied the breaking up of the storm, and on let June the excessive fall of 19 67 inches was reported at Dewangunge in the Mymensingh district. Chandbali also, on the 25th, reported the very large fall of 11 50 inches, while a very large number of stations indeed have received falls of between 5 and 10 inches in a single day. The normal distribution of rainfall in Bengal in May has already been described, but in the present month this distribution has been disturbed by the passage of the cyclone. There are thus two areas of heavy rainfull -the first, which is present in normal years along the line of hills in the north and north-east of the province, while in addition the track taken by the cyclone is clearly marked by the production of another area of excessive precipitation. This starts from the coast of Orissa from shout Balasore to Chandbali and False Point, and runs in a north-westerly direction a considerable distance into Chutia Nagpur. Over this area the rainfall varies from about 10 to 15 inches, and on either side of this area of heavy rainfall the amounts diminish to the east and west, until, on the eastern side, the amounts again increase in connection with the normal distribution of rainfall during May, which is produced by the lines of mountains to the north and north-east of Bengal. Over considerable parts of the area in and near the hills in North Bengal the rainfall has varied from 15 up to nearly 30 inches of rain during the month.

Compared with the normal fall for May, by far the greater part of the province shows a large excess. To the east of a line drawn from about the mouth of the Hooghly to the west of the Garo Hills to Kurigram in North Bengal, rainfall has been in defect of the normal. The area of defect, therefore, includes practically the whole of East Bengal, the south-eastern districts of South-West Hengal, and lew stations in North Bengal. The defect increases towards the eastern districts, and at such stations as Netrokona, Kishoregange, Naraingunge and Commilla it exceeds 5 inches. The greater part of the remainder of the province has received an excess fall, the excess ranging up to 5 inches. A band of still larger excess varying from 5 up to 10 inches runs from parts of the Balasous and Cuttack districts through Chutia Naggur to Aurangabad in the Gys district, that is very nearly the track of the centre of the cyclone. The greater part of Central Bengal, South Behar, the eastern part of North Behar, and North Bengal have also received an excess fall, ranging from 5 to 10 inches, while the Purnesh and Dinagepore districts and part of the Rungpore, Southal Pergumans, Jalpigoree and Darjeeling districts have received

excess falls of more than 10 inches.

North Bengal has received the largest fall, and the stations in this district have received an average amount of 13:31 inches against the normal average of 8:41 inches. This district has therefore received a fall equal to 158 per cent. of the normal. The next largest fall has been received in South Behar, which averages 8:58 inches against a normal of 2:03 inches, the actual fall is therefore 423 per cent. of the normal. South-West Bengal has averaged 7:52 inches against a normal of 5:27 inches, or the actual fall represents 139 per cent. of the normal. Orissa has received 7:10 inches against 3:68 inches, and the fall is therefore 193 per cent. of the usual amount. Chutia Nagpore has received 7:05 inches, against the normal 2:43 inches, the percentage of the normal is therefore 306. East Bengal has received 6:75 inches, but as the normal fall is 9:52 inches, this district has been in defect, and the actual only represents 81 per cent. of the normal; and finally North Behar has received the smallest fall and, records 5:06 inches against the normal 2:86 inches, and the actual has therefore been 176 per cent. of the normal. Assuming that these districts have an equal value in the calculation, the general fall of rain in Bengal during the month of May may be said to be equal to 211 per cent, of the normal full for the period.

The following table gives full data for the comparison of the actual and the normal rainfall of the month of May in all districts of the province. The figures are derived from the average and actual rainfall of the rain-recording stations in each district, due allowance or weight being made for the area which each station represents. This gives a more accurate average than the arithmetical means given in the weekly and monthly meteorological tables. The first column gives the normal or average district rainfall as determined from the rainfall observations of the past 15 years. The second column gives the actual district rainfall as determined from the weighted actual rainfalls of the month at the reporting stations in each district. The third column expresses the ratio of the actual district rainfall of the past month to the normal rainfall as a percentage. The fourth column gives the same information as the third column in a slightly different form. It states as a percentage

how much the district rainfall of the month varied in excess or defect from the normal rainfall, and is hence the difference between the numbers in the third column and 100:---

Division.		Diefrict,		1	Normal district rainfall, May 1887.	Artnal district rainfall, May 1881.	Percentago oi secusi lo not- ma raudali.	Percentass exters (+) deficit ()
(Arisaa	{	Poorce Cuttack Balasore	646 816	***	2:79 3:81 4:90	2:60 7:68 10:51	93 198 214	- 7 + 98
,				***	4 DO	2001	214	+114
	- 0	Midnapore	***		614	5.94	116	+ 16
		24-Pergunnaha	F1.E		6.78	5114	89	- 11
		Howinh		***	6.28	5.38	98	- 7
	- 11	Hooghly	***	710	6.84	5.45	102	+ 2
		Burdwan	** *	4 * *	6:11	10.10	198	+ 08
South-West Ber	riger 4	Bankoora	y 6.6		3-64	4.61	1.19	+ 14
		Beerbhoom	***	***	. 3 31	8.61	200	+ 180
		Nudden	***		6167	9.73	148	+ 49
		Khoolna		14.1	treij	7.90	120	+ 9
		Messore	h # P	** -	7:08	5:36	76	- 2
	-	Sale characteristic fixor		44.	4/81	10.83	221	+12
	(Chittagong			9:51	8:20	86	- 1
	i	Backergunge	+#1		7.74	8.08	104	+ -
	1	Nonkholly	4		9.78	H:59	88	1
East Heagal		Furreed pore			8:06	6.10	80	- 4
		Dagea	1 to h	1 8-	8 5 8	5.66	63	3
		Commilla	4 * *	101	10:39	6.08	-58	4
,	· F	Mymensingh		411	0.72	6 47	67	- 8
	(Pubna			7-27	6 21	72	2
		12	***	244 T	1 -1	0 4 =		
	i	Rajshahyo	114		G+20	8:02	129	+ 2
	- 1	Maldah	141	1.0	4:39	10:27	2:54	+13
North Bengal		Dinagepore		10	6:44	15.28	2:17	+ 18
MANUAL TRANS		Rungpore	1 0 0		11:37	16:07	141	+ 4
	- 1	Cooch Behar		***	14.26	17:45	192	+ 2
	i	Julpigori	4.4.4	111	11.82	22.79	198	+ 8
	į	Darjeeling			7.88	15-54	198	+ 8
		D		1		00.40		. 0.
		Purneah	114	011	5146 L	20:47	976	+27
	1	North Bhagulpero	* *	44-	3.96	10.23	206	+10
N rth Behar	, m 4	Derbhunga	b 46	***	2.08	6 B1	246	+ 14
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		Sarua	1	*** [2 57	2:60 4:98	97 256	+18
•	,	Sarun,		141	2.04	14 (01)	200	720
	(Shahabad	See.	*11	1:31	5.71	434	+ 33
		Gya	H4 9	414	1.63	5:13	315	+2
South Behar	****	Patna	H 4 d	017	2:07	7.27		+24
South Menui	****	Mongher		1.1	2.19	8-114	395	+29
		South Bhagulpore	4 - 5	*14	2:05	8.62	326	+ 2:
		Southal Perganushs	441	7	3.92	12 60	375	+3
	1	Hazaribagh	40.0			5:35		
		Lohardagga	***	*14	1:51	6.18	410	+81
	4					11:46	295	+19
Chutia Nagpus		Singhhoom	11.4	2.11	2017/950	1.1 (0.1)	4.1978	

The following table gives the summary of the temperature and rainfall data of each of the seven Meteorological Divisions of the Province for the month of May 1887:—

					Lumbe	MATUR	ж.]			1	LAIND.	i. I. Ii.			
			during month.	month.		erenuteren Juliabah b		h above I menth.	(Ot moi	sth.	lini	ay day	4.	Ritto	1847.
Dratelow Walkoword			Highest observed during	Lawest obsessed during	Of highest of earls day.	of lawes of each	day.	Average mean of incertal above of below members incerted month.	Average.	Normal aremay.	Variation,	Arrenge number in month.	Normal strenge number to mental.	Variation,	Average.	Normal systems.
Printe	+17	1+1	113.0	Qh.h	PS a	29%	66-1	-0.3	7:10	81-08	+3143	53	7:9	-19	6 48	1'9
South-West Benned	214	29 h	110'0	64"0	05.9	77'7	6016	0'1	7:52	8197	+2'08	10:30	9.0	+0.0	4.68	9:00
East Sensal	4.4	11-4	. 1813	65-1	80-1	70%	8511	+17	6178	9.67	-\$77	8.0	23.2	- 418	1178	4:61
Murth Baugel	163	+91	10814	8517	09'0	74'3	8317	+116	12.31	8'41	+690	11'6	11.4	+0%	11723	6110
Sorth Holms	017	101	Top'8	447	9012	77:0	80.8	+1%	(510)3	2186	+ 2"20	71	6'9	+3.8	8,16	1:60
Bouth Beams	200	+4	0.01E	67:11	88.G	7817	J-917	+0'2	8°58	2 05	+0.99	0.7	9:0	+37	7199	02'1
Chura Nagsur	471		108.2,	65'7"	07'4"	74'7"	80'14	+010"	2.09	\$160	+4.61	6.4	6.0	+0'4	SYB	1'30
Anage	447		. town	6514	H9-1	7411	51'44	+28			1					

METEOROLOGUAL OFFICE, BENGAL;

ALEXANDER PEDLER,

The 10th May 1887.

Offy. Meteurolagical Reporter to the Goof, of Bengai.

Chi Rin Re Re Re Re Re Re Re Re Re Re Re Re Re	pintraidt, minore minore minore minore minore minore minore minore lidmapore pergunante pergunante minore	(mm')	Representative attrem. Gopalpare Palar Point Cuttack Halance		Mean Mean of the Control to Contr	Variation from W	Parsailing direction.	Mean wind relo-	Highest during	Dafe.	Lowert during week.	Trucus	Near marinum	Reast minimum bengerature of versi.	Mean daily tem- perature of work.	
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Be Be W M M M M M M M M M M M M M M M M M M	undwan		Calcutta	201598	99'619	'0£7	sew	137	94.0	8th, 9th	787	geh, 7th Junu.	981	76'8	84%	-
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		U	Arreb	29"385	S#1582	1055	Ensturing	8511	, 97.4	10th	78-1	sth	9617	70.9	s7'5	
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Application.—As mostly.—The normal means of an pressure and temperature are the arithmenest average or means of the reading the same period for the third of the atmosphere is expressed as percentage, asturated and being represented by 199. A clear sky is denoted by a and an even-ast sky sy in. The matter than a secretary the remaind in that to the control of the remaind in the course seen in by the sub-divisional attention for the period in question decree to the district sending in returns divided by the number of stations. A ready day is one on which at least hundredth of an inch foil.

Means for it days.

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١,	510	0.40		8410		1.60			8'02			1.9	Cuttack		Cuttnek	***	***
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	0.0	0.48	10.88	1,54	DOM:	2.77	-1'8\$	6'66	4160	-0.1c	2'5	218	Вашкооты		Bankoora		41.0
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l.	P14 a	0.28	0.42	1140	2.63	8'24	+0:30	21/40	4.51	4-1676	1.7	2.3	Berhampore	***	Moondedaha	1	
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						4	+0.57		Profess	-33;	UNIS	Mari				140	
	814	2'87	2.02	2'71	8.54	ð*82	7007	4.62	7·50 9·75		370	316 440	Precu	- 6-	Ducon	771	44.4
,	6.1	5'82	5-17	8'47	10120	5'18	+ 4 302	19:09	10,02	+ 2 %s	214	3.7	Committati Mymensingh	44	Tipporah Mymensingh	110	
,		621	9.71	4101	80.51	0.21		10 00		i							=
, 5	719	0.23		2.25		2.20			7"78			820	Bogra	844	Hogra	***	***
ù	6.0	1.31	1761	5,98	7'87	5,20	+4'31 (10.91	7-48	+ 3102	7.2	80	Sterijgungo		Palma		***
71	8:15	1/00		2·1b		5,70	+0.01		Erud.	+771		217	Rampure Bean	s) carja		4 84	-1-
	1.3	0.00	0.74	1770	2 7(1.	8.12	40.01	12.20	4140	7111	1.9	11.61	Maidah	***	Maldah	- 91	410
ð i	518	0.59	0.02	2:18	5.03	2.70	-1.31	BFOs	0:30	+ 9.75	214	\$.2	Dimugepore	441	Dinamenare		
i.·	427	173	L*01	1.55	61,49	2.63	+0.60	20'37	17,00	+7:77	18-4 F	9.0	Brankbors	100	Mameliona	-84	
c;	. 42	0'0%	1*86	3"(1%	4139	8166	-4:34	10178	17'39	9130	811)	4/6	Julpgane		Julpigaroe	1.91	100
	day.				,					+ 6125	4 ***	4.05		-	Consti Behar	+61	***
	0.0	CES	277	6.01	area :	61.60	T ~ 3,20	16,44	land	45 B CD	444	4.8	Darjeding		Dasjecting Hil. Puranah) liint	cieta
1	9.9	B-72	113.7	L'84	1'01	1:07	-0.00	10%	2000	44250	210	1.9	Paraesh	{	North Shugul	t.	443
ı			0'96	0.003	0.38	0.44	-46.48	6,80	1-82	+414	. 0:8	1.0	Mozuflorpore		Moznfferpure		!
h	610	0:11	1.51	0.02	0.14	0.33	→0.1%	6.03	2'01	4H 6783	0.7	11	Duringa	10-1	Durbhanga	Tay.	!
1	ov	0.91	1-24	0'80	1'50	1'20	*0°24	8771	2:57	+121	20	131	Motihari		Champaran	***	1 10
ŀ	11'6	0.80	D'Sh	0.50	0'47	UTHS	-0.35	4/98	1180	+3.78	R*7	0.8	Chapm	44+	Surup	10-1	ddg .
١	. 018	NII						1					Dataten)			
ì	P3	Nil	MII	ju/84	Nit	0.46	-0.41	u qu	0.00	+ 8.11	Nil	9.8	buxur	1 F	Shuimbad	194	414
ľ	10	Nü											Areah	101.0			
	19	170	9759	0.592	ບ່ຽນ	0:02	4-0°03	B187	1.69	+4"38	6'8	D,A	6+5.17	***	Gyn	141	-
	17	1.24	0.71	6.94	0.72	Ų 51	18.04	H144	1156	+636	0.8	0.0	Винкирого	100	Pourh Bhagui,		4-1
1	1.0	0.02	075	0.42	0.18	(rid)	-6150	7:07	\$.50	+\$*31	1.0.4	1.9	Bhagulpore	{	Monghyr		****
			1-1711				_ 1.71	\$12104	3514.0	-+- K*60	210	8'0	Doomaka		Honthal Pergu	nnah	
١	616	0.44	0.31	1.74	0.46	104	-124	12.81	2'40	11117		1.8	Homeringh	M 4141	FP		
	410			0.62		1.58			2 30					1			144
	4'3	3,11		1107		1:55			1,63			2.0	Manetree	·{	Manbaoom		.,.
			0:05	1.50	0.80	170	-7.92	13-40	8178	+ 5 '76	UE	2.8	Chyobaan	s-6-	anghnoom	180	P\$1 .
	71	3,27		Pillin	{	.,,,,			ин.			ded a	Palmanga r)			
1	418	Fing				188+18			*****			111111111111111111111111111111111111111	Dhubar*		Annua o	410	Ble
1	8'8	0.25		1 44,		127444	1					111111	Silcher				

The variations are appared when the mean for the week is less than the corresponding normal mean, and positive when greater.

The district observations of runfall, the normal mean the district observations of runfall, the normal mean the district observations of runfall at the sub-district of the district, 6.8. from the boad randed at the sub-district of the district, 6.8. from the boad randed at the sub-district of the district Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 10th of June 1887.

					R	AINTALE	4			Tor	AL				
Mercurological	District.	Btestion.	43	E S	Sth.	1. 1.	5.	44	19th	8	চ	Total rain-	Average total rain-	Total rain.	A
Civinion.		- Commond	Saturing. June.	Sandsy, June.	Monday, June,	Toroday, Jube.	Wednesday, 8th June.	Thursday,	Friday, June.	Number raing days.	Paintall * ock.	ist of May.	fall tenn lat of May.	15th May 1887.	fo
Dychinga	Postes	Pooree			009345	418381	0101	*0*11	0*04	9.	0108	0105	112	3100	
		Rhurdah	pohed d	4444	0.09	B18.01	0'46	erdibl	Maria Maria	1	0.00	0.40	1'45 2'10 1'88 7	12:31	
	Outtnok	Jamateingpore Banki Curtack Kendrapara Julpore Dharmanila Satipara	0.03	0.03	. ++++ 4 	0"14	Q b d 4 4 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(-1: +p	194784	Nil Nil	NIL NIL	IIX IIX	1'71 1'71 1'78 1'63 1'10	. 6.5°	
	Relaute	Chandrali Rhuddraok Sorah Balascre Jellasore	++++d	0°15	080 080	******	.,	10+104		Nil 1	0.72 0.24 Nil	0.54 0.84 Mrt	1100 2108 1100 1136 1136	10.01 71.12 72.32	
NOTH-WHIT RENGAL	Midempore	Contat Sangor Island	*****	0.45	*******	P87181		154 17		Nit	Nit	2011	5.00 8.00	8-51	
7,811,911,91		Tuniock Bidnapore Ghatul Dence Heria Bhappounpore Garbela	0.97	3'00	2:46	0.79	44 54 54 11 14 14 14 14 14 14 14 14 14 14 14 14	0°81 u'm7 1°18	6-03	B 4	1°20 0°11 8°22 0°78 0°08	1 20 093 3723 0778 0°06	2:71 2:15 2:40 3:14	2.76 5.80 6.61 7.96 5.01 8.30	
	34-Perguanshi	Diamond Her-	A103	0.89	and-ou	010101	*****	40 0 10 10	107480		0.61	0.01	8:32	Band I	
		Counting Trees Alipore Juli - Barrackpure. Darp Pure Harmad Basserhat	0°19 0°11 0°32 0°01	0.80	0.11	**************************************	10 10 10 10 10 10 10 10 10 10 10 10 10 1	10/14/6 11/14/6 11/14/6 11/14/6 11/14/6 11/14/6	0.00	NII NII	0'46 0'83 Nil 0'73 0'01 0'80	0'46 0'83 Nil 4'78 4'61 0'84	8174 2181 3105 5139	8:M 2:81 3:04 4:10 6:00	
	Howrsh	Howmh	0°14 0°03	0.25	0.16 0.16	m. a - m4	471.1	*****	0'37 0'44	6	077 114	0'77 1'23	8.50	2.41 7.18	
	Hooghly	(Octoberiah.) Remannere Hooghly Jenanalad	3.00	0°27 0°14 0°20	# 12 dags ##2 - 4 d # kfrang	maps fiel possi fired di	0.84	0199	491444	1 5 3	0%7 1'13 2'30	0°97 3°13 3°10	5.17 5.17 2.24	2194 2194 8192	
	Burdwan	Culta Burdwan Cutwa Ramegunge Manhar	0°89 0°27 0°73	0.12	0:17	## 141 ## 141	0.110 0.84	**************************************	10.000 10.000 10.000 10.000	2 1 2 2 2	0'46 0'32 0'27 1'37 0'21	0:48 6:10 1:27 0:81	\$173 \$ 09 \$141 \$140	8-8) 7-99 7-99 3-99 6-85 8-70	
	Bastakoonm	Bankoora Hahenpore Malinra Kliotra Hidus Kvialpore Anda Gungajalghati Korpura Aonamakki	0.20 0.27 0.44 0.67 0.14 0.20	0:30 0:17 0:30	010	0,50	0°28 0'50 0'66 0'46	00111 004 004 0104	TRILLER AND AND TRITOR TRIT	000000000000000000000000000000000000000	0.24 1.20 1.42 1.02 1.00 1.00 1.00 1.00 0.24 0.24	0.74 0.16 2.20 1.42 0.25 2.10 8.00 0.04 0.04 0.04	21 7 7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4-14 5-49 6-60 8-85 6-85 6-85 6-16 5-16	I
	Beerbhoom	Bh. Soory Herampres Rampora Haut Bulgare	0:04	0.50 0.10	401 mg	print!	0:25 1:03 0:46	771100 11 h == 400144 144140	104021 44400 514000 44400	8 1 9	0.84 0.44 0.46	0.39 0.39	1'90 2'44 5'70	prin 10 to 2 10 to 2	
	Wudden	Raingnat Kishnaghire Chombanga Mehepore Kombten	0104 0195 0 42 0108 0100	0.18	0148 0108 0148	-EN4: 0-04:P 0:E1:1: PEE4	-14-48 Pres Pd 	41 11 11 41 - 7 11	0 S& 0 S&	B 1 2 3	0188 0180 0180 0183	3.18 1.50 5.91 5.91	8.04 8.58 8.64	3736 9755 8790 12771 8753	
	Khooles	Ratkhira Bagirhat Khoolna	****	0.42 4.39 2.21	**************************************	42.2.20	M48.187 010.001 010.001	1'00	0.180	1 1	0.42 0.58 4.01	4,48 0,48 0,48	2.40 4.18 2.14	1.48 1.91 6.48	
	Jennors	Namil Jessors Jieminh Bagoorgh	0.10	0°28 1°97 0°74 1°25	0.03	44444 44444 44444 44444	1771 17 12 17 14 14 14 1 14 14 1	**************************************		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0°28 1°27 0°57 0°64 1°67	0'52 2'74 1'87 2-54 2'54	8°88 8°77 4°86 3°16 8°00	1710 4781 6724 4 M5	
	Moorehednbad	Kands Berhampure Lullagh Axtorunge Junzipara Lulgela Akhrumi Patabari	0°31 0°34 0°40 0°17	0°70 0°87 0°87 0°14 0°15 0°15 0°15	991	4 - 1 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	178448 24477 74428 14479 4048 4677 no	49 to 44 do y pad 1 = 1 y do 1 = 1 y d 4 = 1 y d 4 dyd = p d 4 dyd = p d 4 dyd = b d 4 dyd = b d	Those If hope I have been publicated as a second point of the seco	1 2 2 2 1 1 1	0°70 0°34 0°64 0°57 0°15 0°15 0°40	#101 #100 #174 1174 #128 1111	9:48 2:20 2:20 2:20 2:30 7:70 7:70 7:70	9,14 16,20 27,15 30,19 30,19 31,83 30,13 12,83	
RAST SENGAL	Ohittagong		9°20 0°07	1:76 U'65	*** J.	###### 41-4834	187r	100014	1'02	9	9.01 9.01	\$178	9122 9122	grapi	
	Chitragong Hill Tracta.	Rangement)	0:10	6.40	10 -11	*19104	0.70	1.58	0.90	Б	8.93	4'28	6.30 6.18	7'43	
10	Hackergange	Petnakhally Peronepore Burrant Blots	0182 0187 0184 0186	0\$0 43°0 88°0	0-0700 1 J 1. 118184 EDPADI	0148	1473-61 282-00 020-41 711001	010 010	0°78 0°80	5 6	5'90 0'67 1'46 0'64	E'04 0 47 8 32 1 50	7186 6129 4.75 6160	4-32 8-48 8-48	

Statement of Ramfall in Bengal for the week ending Friday (6 p.m.), the 10th of June 1887-contd.

					ų.	VIABTE				To	PAL.		4		
	District.	Station.	4	-0	eih	12	54	2	를	ph. pf	10	Total rain-	Average lossi min- tali from	Total rain.	Average
Marie of	ing.		Sehirday, June.	funday, June,	Manday, June.	Tresday, June.	Wednesday, 8th June,	Thursday, June,	Priday,	Sumber or rainy days.	Rainfall week.	ist of month,	ist of Swoth,	18th May 1887.	from 15th May to date,
KINDAL		Generaldi Rouphal	******	D.90	910-41	14		0.10	3145	5	2'12	£125	7 9	2.62	;
ernold.	prontinolly in	Nonkhally Fenny Hariskpora Rampanj	0:84 6:82	0:da 2:15 0:02 0:46	0.88 0.98 1.60	418.50)		409441	44.00.00	2	0.00		8:17 1:00 7		18 to 1 v 1;
T'	PATERINGTO.	Madariporo Furresdinore Goslundo	0.88	0168	0°15 1°05	0.18	414194	2100		• 7 2	298 1 58 259	478 819 514	8.25 4.94 4.48	71 in 71 % & 0124	814 147 718
	Traccon	Munangunge Ducca Naminange Munickgunge Jaydebpore	1.41	0:90 1:05 0:47 0:68 1:79	0192 0149 0.87 0498	0-1-44 0-1-44	U*01	U 60	0.80 0.30 0.31 0.80	9 2 4 2 5	9:62 1:52 1:65 3:65	5185 2114 2115 5170 6124	4109 4103 3115 8135	5/01 4/79 3/62 5/92 7/09	9·2 6·4 6·6 7·6
	Mill Tipperah Tupperah	Agariola Comilia Chandpore Braumupberla Romehandro	0'89 2'00 U'23	1:75 1:05 0:80 1:87 1:00	0:18 0:05 0:80 1:00 0:67	0.10		0.71	0°81	5 5 5	1103 0141 0190 4187 2114	4:83 2:40 8:47	4'91 5 95 5 00 4'77	5'40 3'79 4 35	\$15 m 15 m 14 5 14 6 15 6
		port, hasirnopar, hasikandi Kasha Laksham	4.00	1°71 2°14	0°22 2°00	848144	0111h-		0.42	7 1	4114 0142	4:78 0:48		4.68 1.43	P T W
	Mymensinsk	Kishorszunge Atm (Tangei) Mymensuch Jamentyore Natrotona Subornakhally Purgapure Descangang	3·18 1·76 2·77	0705 6740 1*02	1'86 1'77 0'36 1'45 1'06 1'30	97101 97101 97101 97101 97101	013	80 10 11 80 10 11 80 10 11 80 10 11 80 10 11 80 10 11 80 11 80 11 11 80 11 80 11 80 11 11 80	0.88	64 45 20 20 10 10 PM	5:04 1:74 4:58 1:44 2:00 1:18 1:00	11/14 9/24/ 14/45 8/74 10/62 7/10 18/65 20/92	6 MP 8 M8 0 00 4 29 5 37	14.74 10.99 13.99 13.98 13.97 11.13 17.72	11 9 7 m 12 11 0 0 10 1
ete Hapgai	Pubna	Pubna	1139	0.69	U-36	*******	-11111		819194	28	1.46	8108 19100	3·87 3·45	8129 36171	7-8- 7-3
	Bogra	Sherpore Nowabilla Bogra Pauchbibi	0145 0142 0150	0:44 6:41	0'45	1'50	0'45)(4+)) 		2	0°60 0°63	9°14 - 12 67 0°00	813 3183 312 8133	76'69 17'73 19'91	8 1 7 4 8 2 7 4
	najohaliyo	Braubesh Nattore Naogaon Laipore Mando	0°7% 0°52 0°53 0°12	0'99	41111	0.02	100000 100000 100000		0100100 01000 01000 01000 01000	1 2 2 1	0°02 0°47 0°46 0°18	2:80 4:148 11:73 2:03	3-20- 2 64 ?	9701 1370 7783 1078	61. 6 p
	Maldah	Maidab Chanchal Gajol	0.02	0.08	*****	1,39	141***		******	1 2	0°09 1°40 0°20	4:07 2:46 1:60	1:90 2:40 1	16:45 9:10 12:09	2.0
	Dinagepore	Mohadalpera Charamen Magninga Dinagapora Haloorphat	0.08	80.0 20.0	0°58	0:30 1:07 0:20 0:43 1:43	-04 - 00 -04 - 00 19 - 04 04 - 04	0.14	0*25	2 3 3 20 4	0'40 1'27 0'42 0'97 1'77	0:64 1:33 0:71 1:34 6:13	6'79 3'23 2'06 3'67 1'01	34'10 10'42 11'94 20'01	7 77 5 18 5 19 7 18 5 10 5 10
dı .	Kungpare	Shawangung) (Oyabanda). Rungpore Rungpore Bagdogra (Nilphamari).	0°10 0°37 0°16		0.65 0.15 1.48	0°18 8°60	10-400	1:28	#14×04	3 4 9	1*28 0*90 1*21 1*64	31'36 8'30 6'09 0'37	6:87 5:25 7:00 6:73	21'41 16:17 14:79 37:23	18 o
	dalatgeres Occole Rebar	Julpigores dipore Boss Faircotta Debigonj Dinasta Couch Behar Mickignugo Massbauge	9'04 9'50 0'21 0'15 0'22	0°17	0.70 0.86 0.80 0.80 0.85 0.65 1.69 1.60 1.30	1 67 0 78 0 08 5 89		0°54	1°50	P 94 95 44 05 92	B'RR S'AT 2'V1 1'16 0 177 4'18 1'18	2:00 6:35 7:46 8:76 8:76 6:48	8'85 P H-10 12'88 6'04 7'80	20 65 21 61 18 83 17 07 21 60 18 78	28 12 2 2 2 2 28 12 28 14 36 12 26 7
	Durjestir g! Bill.	Burn Silligari Largeling	118	0.08	723 67'0	0*10	0'01 0'23	0*89	1'04 4'02 0'08	4 2 8	8121 6160 6148 6148	4788 8783 1783 0779	18187 5128 6178 3146	- 25128 90137 16174 9130	25 5 9 5 8 4 5 1
orth Brita	Parnesh	Kalimpong Kisangunga., Arrarah Pucash	817.6 08°0 82°4	0.29 0.29	0.08	2.57	411414	0.20	101011	8 3	0'53 1'60 8'72	0°DS 1°L5 N°7%	3/00 1/40 1.58	19703 18708 20706	51 97 8-8
	Serth Blugui	Gondward Balarampero Morieri Kalaganj	0.80	0.89	DED-19	0.89	+-,r==1 +-,r==1 +==+>b	IBIESE PRIESE INCIDE	184-4b	3 1 2	1'00 0'88 0'73 0'38	2104 1117 0138	1 03 1 94 1 7	20°31 13°13 1°92 10°31	2 2 318 319
	burbhungs		0.01	# 10 ab 1	# *** **** *** *** *** *** *** *** ***	4 64 9 2 4	44+FF b #FE A=F b 4 c Fb=	217-196 -111-19 -21-198 -21-198		Nil 1 1 Nil	Nit 0111 0161 0108 NU	Nil 091 1'45 1'90 Nil	0.4D 0.71 1.237 5	7-28 6-20 6-42 6-96 8-96	178 119 2100 P
	Mosafforprice	Bushord Stamurh Moraffer pers Pers Rehas Rehas	0'60	191-041 271-041 271-041 241-04 241-04 241-04	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	P-04-1-0 	0'13	18-res 404960 20448 21-res 21-res 21-res	provide pressed pressed provide provide pressed presse	NG NG NG NG	NII O'IN NII NII NII O'IS	0:01 0:08 0:13 Nil 0:70 0:70	1:00 6/20 0:47 8 8	8:33 6:87 20:63 8:06 7:29 6:61 4:11	1.14 1.14 1.14 5.82
	Likta pasun	Bottoati Bettjah Bogoko	0 80 1 80 0 21	41110 422 111	494.7	0.67	0°37 0°50 2°05 0°09	1011114	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 2 2	1°28 8°41 1°28	3142 1100 3194 1182	1'30)	8°51 6°98 8°57	3.63

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 10th of June 1887-concld.

	*	1			R	ATEFALL	h.			Tot	A.L				
Met-orological Decision.	Districts	Shitton.	Saferdey, 4th	dendey, 6th	Monday, 6th	Tuesday, 7th June.	Wednesday, 8th June,	Funtality, 9th	Priday, 10th	Number of rating days.	Rainfall of week,	Total raine fall since far of month,	Average total cate- fall from lat of month.	Total cato. fall altros table May 1887.	Avera miriti from 16 May 10 dat
NORTH BEHAR	Savun	Gogalitungs	hall ret	11-feet	40.44	681 (c. p.	164.5 (F24	### P**	44544	NII 1	Nil 0796	0:41 0:89	2:44 0:06	1'6a 3'77	1
Scoon Billy	Shahabad .	Chuprah Buang Dehtase Chubecals Shistorian Arran Melania	Principle was the qherman and high	40 00 00 00 00 00 00 00 00 00 00 00 00 00	2 - 10 44 quant 44 	PRESENT	0.80	4 pm 11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NII NII NII NII NII	0'80 Nil Nil Nil Nil Nil •	NII NII NII NII NII NII	0.48 0.84 0.38 0.39 0.30	6/25 6/76 6/76 5/13 6/75 10/60	0 0 1
d ge	G ₂ p.	Autrimpolond Gya Acomolon Johnsoning Aronal Inuiduagar Shorphati Inginida Inginida Inginida	mpphes BB and made of appen 1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Shirt at the state of the state	######################################	0/31 1/18	5 88 17 5 V 88 5 1 1 7 1 7 1 7 1 7 1 7 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8	() 前峰	NI NI NI NI NI NI	021 1-18 028 NI NI NI NI NI NI NI	oral 1146 oras Nil Nil Nil	0.50 0.48 0.43 0.43	N GS 5 64 7 70 7 70 7 70 8 3 62 1 63	1 1 2 4
	Paips	Pates Dicapore Bener Barer Bickram Heisa	184	19:000	144114 		1.08 (co.) (co.) (co.)	110.00		Nil Nil Nil	2001 1000 1000 1000 1000	Ni 0 a0 0 00 Nil 0 20	0157 0161 4119 0157	11:12 6:24 5:08 7:71 10:10 6:55	1: 1: 1:
	Muzigleyy South Whage la juliu.	Antonegal Munkaya Jamus Georg Shekwara Bunkaip-re Bunkai Kolomy		0.08	0:21	# #4 ## # # #4 ## # # #4 ## # # #4 ## # # #4 ## # # #4 ## #	9745	612751p	018 - 1 018 - 1 018 - 1 018 - 1	NII NII NII	Nii 0:45 0:40 Nii 0:21 0:40 Nii	N I NII 6:45 6:20 Nd 6:24 6:00 NII	0.78 1.10 0.86 1.10 1.38	0:117 6:18 1:164 4:10 6:95 8:41 10:28	2 17 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
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Carovera, the 14th June 1887.

SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE LOTH OF JUNE 1887.

At the close of the previous week a fairly strong monsoon current was blowing over Bengal. This inrush of south-west monsoon winds had been brought up in the rear of the cyclone, which had broken up in Behar at the end of May. The monsoon current had brought up very heavy rainfall, and at the commencement of the week under review, fairly heavy rain-showers were general over almost the whole province. The monsoon current then began to slacken, wind velocities decreased, and wind directions became less regular. particularly in Behar, and rain became very light and local, until finally at the close of the week the greater part of the province was rainless. The diminution of the strength of the monsoon current blowing over the province towards the end of the week was much increased by the commencement of the formation of another cyclonic storm, though of much smaller and more feeble kind than the previous one. This small storm apparently commenced to form about Monday, the 8th, in the centre of the northern half of the Bay. The indications of its existence were particularly feeble till Friday, the 10th, when a well marked circulation of winds set up over the northern half of the Bay. The small storm thus formed was a feeble one, and on the 10th the centre was apparently to the west of the centre of the Bay, and in about the latitude of Gopalpore. By the indraught towards this storm, the further progress of the monsoon winds over Bengal was checked, and rainfall became very scarry. Another feature of interest in the meteorology of the province at the commencement of the week was the continuance of heavy rainfull by Assam. The heavy rainfall brought up by the cyclone spparently reached the Assam station only at the commencement of June, but at Silebar, in particular, the falls were very heavy, and thus on the three days from the 2nd to the 4th no less than 14:45 inches were received at this atation.

Pressure - Was at the close of the previous week rather largely above the normal. In the first three days of the present week pressure fell continuously; this was then succeeded by a slow increase for a corresponding period, but on Friday, the 10th, pressure again commenced to fall. The fall has been decidedly greater than the rise, and therefore the excess pressure which obtained during the previous week has been replaced by a defect. The mean pressure for the week at the stations from which records have been received for the greatest number of years shows that it has been in defect of the normal in Bengal by 0.022 inch, while in Assam the defect has been 0.029 inch.

Temperature—Had in the previous week, owing to the excessive rainfall, been largely below the normal, but with the rapid cessation of rain during the present week, temperature has generally risen rather considerably, and over a large part of the province it is now nearly normal. In East Bengal, indeed, the mean temperature for the week has been 0.9° in excess of the normal, but the remainder of the province has been in defect. The defects are small, being less than 1° in Orissa, South-West Bengal, North Bengal and Chutia Nagpur, rather larger (1.8°) in Assam, and much larger (between 3° and 4°) in Behar. For the whole of Bengal and Assam the mean average temperature has been 1.3° in defect of the normal.

Rainfall-As has been previously stated, has been comparatively light and infrequent during the week, and it has been in decided defect over the greater part of the province. The largest falls have occurred generally in East Bengal, where, during the week, the average amount of 2.69 inches has fallen, the normal fall for the period being 3.94 inches. This district has therefore received a fall very distinctly less than the normal. North Bengal has received an average fall of 1.50 inches, while the normal fall for the week is 3.55 inches, or the actual has been less than half the normal. South-West Bougal has received an average fall of 0.80 inch, while the normal for the period is 2.06 inches, and the actual is therefore about a third of the normal quantity. In Chutia Nagpur the fall has averaged 0.81 inch, and the normal fall would be 0.97 inch, the actual is thus again less than the normal. In North Behar the fall has averaged 0.68 inch against the usual amount of 0.88 inch, and this district has therefore received a fall not very far removed from the normal, while in South Behar the actual fall has been 0.88 inch and the normal is 0.64 inch, and thus the fall is about half the normal. Orissa has received the very small fall of 0.14 inch, the normal being 1.15 inches or about eight times as much. Speaking generally, it may be said that the rainfall over Bengal has been only about one-half of the normal. In Assam the three stations from which reports are obtained have received the following amounts of rain:-Silchar the large fall of 5:22 inches, Sibsagar 8:31 mehes, and Dhubri 1:02 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 10th of June 1887:—

				1	TERMEN I	RATUR	n					K	INFA	LL				
			- Model	week.	Arere	ens, for	week.	above or	C	t was	6. B)	Ha	iny di	lya,	Hines mon		Ninos Maj	140:
Maraumpic Property			Highest observed daring	Laws observed during	of highest of each day.	If lowest of each day.	if parace for each day.	being near of week of	(versijo,	Cormal areage.	Carration,	veck.	Northal average gum-	christian.	· FTIMEO,	ournal hyerage	· remige.	Vormel averages.
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iouth-West Bengu	L	40	101'8	7817	9417	78'6	99.0	-0.q	6.50	24P-B	-2190	2:0	2.7	-0.7	1.61	8.80	6:19	₿°8(
Cost Bengal		101	94'3	7415	8914	70.8	831	+00	2.678	8194	-11277	3/09	319	- 0.Nè	4.005	6.90	6-757	10%
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form Behar		der =	86,2	89'6	91.2	77'5	8415	-3.6	0100	0.8%	-0-90	1.5	11	+0.1	1.01	1.12	871	2100
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huna Naspur	. p	44	09.04	89.44	90:74	75.60	85.2*	- 0.84	0'817	0.84	-0-167	2:07	8.0	100	0.80%	135	7 007	2160
.000.00	834		941	70-8	87-1	76'6	80'8	-1.8										

^{*} Thysbaum not included.

T Reports not complete.

METROROLOGICAL OFFICE. BENGAL:

The 14th June 1887.

A. PEDLER,

Offg. Meteorological Reporter to the Gent, of Bengal.

Results of the Thermometrical Observations taxen at the Meteorological Office, Chowringhee, from 5th to 11th June 1887.

			1		THMPER.	ATURE.			H 1	ranometri,		
MONTH.		Date		Mean,	Masteria.	เกเกรล	Minimum.	Mean west buils.	Vapour tension.	New point.	Humidity.	Kafn.
1887.					q		4	4	Inchos.		2	Iner no
Juse	100 100 100 100 100	5th 6th 7th 8th 9th 10th 11th	040 040 040 041	83 4 88 8 85 9 87 2 86 3 85 6	98-5 95-0 97-1 96-3 96-0 94-0 92-0	14-2 21-8 18-1 15-9 17-2 14-6 12-8	79:3 73:2 79:0 80:4 78:8 79:4 79:2	79·1 80·5 82·2 89·4 80·5 78·6	-039 1-005 1-051 1-054 -978 -974 -912	77 8 79 4 80 8 80 9 78 4 78 4 75 5	85 85 82 79 80 79	0.03 0.25 Nil

		4				. 0
To	e mean temperature of the seren of	lhy&	***	494	mph	84.8
Th	e extreme variation of temperature		***	***	100	23.9
Th	e maximum temperature	480	***	894	400	97.1
Th	o mean relative, humidity			1		82
7.00	o ment tornarae' transititeà	***	19 the	***	***	Inch.
		_				THOM:

The total fall of rain from 5th to 11th June 1887 ... 0.82

The mean temperature and bumidity are obtained by applying to the mean of the 10n, 16b, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Othor, Chowringhee, in past years.

METROROLOGICAL OFFICE, INDIA;

The 18th June 1887.

A. PEDLER,

For Offg. Mateurological Reporter to the Goot, of India.

MEMORANDUM.

The returns of the principal Municipalities in Bengal (excluding Howrah and Bali from which no returns were received up to date), for the week ending 28th May 1887, disclose

the following particulars:—
1. That births and deaths were recorded in these Municipalities at the rates, respectively, of 14.4 and 22 per 1,000 of population as opposed to 15.9 and 24 per 1,000 in the preceding week ending 21st May, indicating a retrogression in the registration of both the events.

2. That these events were returned in the highest proportions from the following

Municipalities : -

	Birthe.			Dea	the.		
			Ratin pur			1	Ratio per mille.
Benuleah	H H 4	***	62 5	Gys	115	***	40.3
Serampore	4 84	400	47.1	Serampore	104		36.3
Utterpara	4 9-4	444	87.7	Suburbs of Calcutta		8.00	32-1
Durbhanga	4.64	9.4.6	29.9	Beaulah	m to a	441	31.2

That the principal diseases specified in the table appended to this memorandum proved fatal at the rates exhibited below :-

					Ratio per millo during	the weaks ending-
	*				28th May 1887.	21st May 1887.
Cholern	0 * 1	114	0.01		2.4	5.5
Small-pox	***	911		+14	•2	16
Fover	***			*10	9.2	7.0
Bowel-complaints	0.01	40.4		40.4	3.1	3.8
Injury	* 1.1	***	***	0.14	16	-8
Other causes	West	401	***	* * 1	7-7	6.7

indicating chiefly that, in comparison with the preceding week, the severity of cholera had . on the whole declined considerably, but that the mortality from the diseases classed under the head of "Other causes" had increased to some extent.

4. That while bowel-complaints and injury were nowhere actively severe, and fever proved noticeably fatal only in the Beauleah town, viz., at 21 per 1,000 of population, the rest of the diseases caused the greatest loss of life in the following Municipalities:—

	Cholora.			Ratio per	Bowel-complaint	Ratio mill		Other courses.		atio per m <i>elia.</i>
Suburbs of Durbhaugu Patna		100	***	4.7 4.2 2.7	Puri Purneali	,, 10°5 ,, 10°4		Naramgunge Gya Purneah Suburbs of Calcut		10°5 15°0 13°8 13°6
· Gyn	141		,4,	4 1			1	Daces Puri	111	13.0

5. That the mortality referable to Sex, Class and Age stood as follows: -

According	to Sex.		According to	Class.		A	ecordin	g to Ag	5.	
		Batic per mills,			Ratio par milio				1	Rutio per milia.
Mates Females Latio of male decease avery 100 female	aths to	22°2 21°7	Christians Hindus Mahomedans	100	99.6	Under I and 6 10 15 20 30 40 60 year	under 1 1 2 3 3 4 5 5 5 5	0 11	**** *** *** *** *** *** *** ***	238.0 30.2 9.7 8.3 12.6 11.9 12.6 16.2 21.7 65.4

R. Liddendale, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengai.

The 13th June 1887.

Ratio of male desiles to every 100 female deaths. 27. 00 20 25 623 941 150 벋 11.8 94 2.0 17.6 FD.1 19.4 G1 9.53 13.6 Thurstes = 10 10 'sepsit 4 6 Bengal during the conek ending 28th May 1887 10 8 5 5 뙲 0.4 # 占 23.6 - B 15'4 10'2 S. 724 494 an M 11.0 2.18 меалао ЦА ACCORDING F 6 5 6 6 1 1 2 F2 10 10 H id RATIO PER 1,606 OF PEPCLATION ANNUAL. Огрет или касае ÷1 stander. MORTALITY er io 至 2 5 2 5 13-1 Fm. Ph. 7 ėgą Po 10 10 ndi ndi 1.7.1 P 17 174 10 ф (6) exad-pans Pleese. . : 5 umation".) Principal Municipalities in g . 26 25 01 All causes. 14этресс престыва 1 1 1 7 1 DEATER FROM-Rowel-tompfallets. ÷ M = F PROGRAMME # f Registration of Births and Deaths in the -1 1 1 2 тыноца ofenale birth. 133 Ratio of rated births to overy to female births. SATIO PER 1,000 OF POPULATION PER AMEDIA. 12.1 15.1 15.1 15.1 15.1 17 27 27 40 1 1- 10 19 9.11 T'O 439 439 439 0.4 Total. 9.15 400[9810] 8.0 8.0 8.0 8.0 18079 19 ā 19903 NUMBER OF-- - -Restadon. 2 10 ₩ 85 ratest 140 20,460 251,439 8,406 50,161 6,510 1,976 TOIN! POPULATION Statement showing the Results of 15,216 16,633 19,639 13,057 5,353 . 27,813 81,415 R. 0955 57.379 4,055 57,831 104,254 3,6455 Verpalies. 16,927 19,179 13,539 Дијијог NAMES OF MUNICI-Hoghli and Seramopore Howrah DISTRICTS. Rajshahyte ... Shajabed ... Darfiling" ... Durbha nga ... Midnapore Mozufferpore Blushilpert Hoghli

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PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL. SOUTH-WESTERN CIRCLE.

NUDDEL RIVERS.

Statement showing Quantities of Goods carried during the month of April 1887.

	-		Total Governmen	T AND PRIVATE.		Par	VATE.	
Number of boats or rafts.	DESCRIPTION.		Quantity-Tons.		Value.	Quantity.	Val	luo.
		Մր.	Down.	Total.	Виреев.	Tona.	Rap	ocs,
816	1. Grain	1,056	8,086	9,142	4,63,852	9,142	4,6	3,852
157 222	2. Cotton 3. Oilsceds 4. Salt	84 1,472	1,838	1,922 1,472	1,99,959 1,23,639	1,922	1,9	9,9/ 8,639
28 27 496 30 51 rafts.	5. Piece-goods 6. Metal 7. Building materials 8. Miscellaneous 9. Fuel 10. Timber 11. Bamboos	100 103 852 125 1,205 c. ft.	21 51 1,784 120 18,497 e. ft.	121 154 2,586 245 19,702 o. ft.	25,815 5,196 4,43,278 2,113	121 154 2,586 245 19,702 c. ft.	4,4	5,815 5,196 3,278 2,113 4,205
1,776 & 3 rafts.	12. Total	3,792 & 1,205 a. ft.	11,850 & 18,573 e. ft.	15,642 & 19,778 c. ft.	12,78,063	15,642 & 19,778 c. ft.	} 12,7	8,068
.883 & 2 mfts	13. Total of same month	h last year		27,955 & 3,393 c. ft.	13,10,864	27,955 & 3.893 c. ft.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	0,864
		Up.	Down.	Total.				Rg.
ing	l number of boats ply- g cargo No.	678	1,098	1,776	Total tolls 24 + 25	9,142 1,922 1,472 121 154 2,586 245 19,702 c. ft. 76 " 15,642 & 9,778 c. ft. 27,955 & 3.893 c. ft. 27,955 3.893 c. ft. Total Total Total Total Total Total Total Total		2,371
. Tota	itto empty boats and lamers	789 535	169 523	958 1,058	Total tol	lage of s		8,680
		w		2,000		, , car		0,000
	rgo	1,70,997	3,74,599	5,45,596				
	al registered tonnage,	120	94	214		emorandum d	f Tolla	age.
3. Ton-	-mileage		*****					Rs.
. Esti	mated value of cargo	4,01,189	8,62,663	12,63,852	1. Balance	not recov	ared	
. Nun	nber of passengers	1,084	611	1,695	mon		1	378
. Reft	ts, bamboos o. ft	\$40 t t 1	76	76				
2. Do	., bullahs ,,	1,205	18,497	19,702	2. Tollage	per month	,,,	2,871 5
3. Esti:	mated value of rafts	1,845	12,366	14,211			_	
. Toll	age on boats Rs.	3,957-9-6	8,279-9-9	12,237-3-3	3.	Total	1	2,750
	pounded tollage on Rs.	*****		*****				
6. Toll	lage on rafts ,,	9-15-0	124-11-0	134-10-0		ury during	the J	2,210 1
7. Tota	al tollage on boats per	******			mon	th		
	al tollage on rafts per			,			end	539

CALCUTTA,

The 14th June 1887.

C. W. I. HARRISON, Lieut.-Col., R.B.,

Offg. Joint-Secretary to the Government of B

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 11th June 1887, compared with the corresponding week of the previous year.

Warring	OF CARGO.			bing Saturi th June 198		WEEK RY	mens Harren m June 1881,	AT, THE
いれるしかか	ar orano.		Number of boats.	Weight of	Tollage.	Number of bons.	Weight of enego.	Tollage.
			No.	Mals.	Rs.	No.	Mds.	Rs.
Dice and paddy	***	***	403	92,729	1,302	318	47,405	841
Abrewood		***	16 162	10,100 82,050	219 1,264	12 185	6,475 : 71,050	96 1,008
Other articles	***	414	168	2,02,095	8,107	63%	1,65,900	2,304
	Total	211	1,467	3,98,974	5.892	1,083	2,90,830	4,250

EAST INDIAN BAILWAY.

Statement of Goode Traffic in Staples carried during the 4 weeks ended 23rd April 1887, as compared with the same period of 1888.

	6m.m.m.	168	7.	188	0.	Incre	q MO.	Deore	Allo.
	STAPLES.	Weight.	Freight.	Weight.	Preight,	Weight.	Freight.	Weight.	Projekt.
		Mdn	Bu.	Mdu.	Ru.	Mds.	Ba,	Mdu,	lts,
	Horses, poules, and mules	No. 1 109	8,870 d 210	20 75:	473 409	83	2,406	84	****
DESTR. G.A. B. R.	Sheep and goals	3,357	6,032	1,204	1,460	1,464	1,102	Way the Gallery	301
Horax	Other kinds	2,126	1,808	3,028	3,200	dihese	,	1,702	141
Canea and entians .			114161	411	h est 41.4	115.11	1414sh 101414	77111.	1,509
Caostohour thuliar	New Winner on the ter-	122	2 183	183	999	8	6		173
Corl and ooks, up .	gs. was and the 145 per-	7,492,4846	8,42,177	8.95,776	食,81,487	1,86,910	10,880	175.01	- 20
Ditto, dow	as a data too till bla	17,75,508 2,43,382	2,48,005 2,38,007	17,77,008 D7,008	1.07,493	1,48,776	1,25,735	3,560	*****
COTTON, MANU-	Twist and jurn (Ruropean)	96,439 fc. 64,6607	12,031	8,280 10,993	6,413	******	7	200 2,(He)	17
PACTURED.)	Piece-goods (European)	1,42,176	2,05,070	9,25,201 .	2.57.371	******	114 444	40,070	EL.75
	Assfectida	29,749	14,403	21,300	15,200	85		1,01	71
PEURS AND MR-	Other sorts, not intoxicaling.	1.060	1,991	1,846	1.199	****	111.17		(Sq)
Dicinia.	Intoxinating drugs (other than optime, i.e., armenic, blank,	1,55%	1,311	2,140	1,614	438454	1000	230	7
į	genija, biid ohutus, 20.)	- decid	391	613	678				
	Mader or margit	24	15	50%	18	*****	191+11	83 16	11
BIALS. MATE.	Sattlewer	5,15K 38,428	2,003 14,050	9,164 93,149	21,003	2,194	761		****
į.	Other kinds	25,093	11,204	Birmini	7,822	9,232	2,882	4,899	7,60
Earthenware and p	Jute row at the tree	10,300	4.800	735	1,070 8,785	2,770	607	9.3	2
TIBROUS PRO-	Do., manufactured (gumny	92,73N	42,124	1,11,367	55,835		993	18,500	13,71
DUCE. PRO-	Other flure, row	1923	1,083	6,002	2,078	*****		6.039	1,9;
i	Ditto, manufactured	1.695	457	2,1113	710	4+410+	141. 1	429	1,0
RUITS & NUTS	Coronnatu	31,709	3,844 #5,935	3,772	3,7115	populari II vali	60	762	****
ì	"Wilder " " " " " " " " " " " " " " " " " " "	8.54,000	1.72,420	B,02,874	3,49,400	81,700	23,220	849-41	\$,0;
BAIN & PULSES	Gran and pulies	2, 62, 707 0,65,042	1,43,840	2,88,3837 5,69,162	26,849	95,480	65,800	30,040	18,60
	Da., unbushed	30.063	2204.12 2204.12	1.14,243	81,775	7,790	1,000	11-14-	let u.
drams and realms	Other sain and spring crops	1,63,655	1,629	3,233	2.107	466611	11 417	11,220	6,7,
HIDEO & BEIDO.	Hides of cuttle Skins of sheep, goats, and	46,005	So, 198	54,060 13,080	34,36± 6,8±	49-19-1	645.11	H, 200	4.00
GINES & VEINGT	small animate.	12.540				atter.		. 749	25
Burns	Lac dye	691	228	725	461	200	*****	44 (148)	有
Lac m	Do, shell	17,076	12,623	15,681	30,941	1,495	1,081	441	PR-110
	Lio, stick and other kinds Leather, unmanufactured	18,427	5.514 9.336	28,012	\$1710 @1984	5,415	1,039	47	14444
LEATERS	Ditto, ununfactured	25,443	5,635	2.675	3,711		*****	238	*****
Martin	re	12,451 810	13.54	37,5980	36,15h 230	444.04	000 spl	0,620	9,50
MARUPACTURES	Brass and copper	78,841	25,688	33,314	20,530 00,630	physol	019499	2,900	\$,80
	Other metals	71,757 4,969	6,841	8,564	8,611	411147	116161	1,257	5,64
Opins	01 np 1-4 gró 121 pg4	27,033 29,033	10,505 91,071	22,348 24,635	16,070	5,165 5,973	186		Hilde
sinte and column.		1,437	1,397	1,292	1,379	140	10,791	000411	PH 110
ROTHIOMS	Other kinds	24,707 4,860	5,708	6,100	21,1001	3,875	1,083	2011	31
Railway materials.	Construction Account	1,41,272	0.348	1,48,380	0,485	*** *	11200	7,117	1,08
Ditto aitto,	Foreign	5,02,003 4,14,029	1,93,180 H3,254	4511,465	90,587 05,961	2,19,407	1,01,670	741,1656	9.77
ALTPRIER, SO.	Battpetre	62,638	28,856	64,527	78,059	05031	552	1,080	4.11.
	Other sating aubitances	8,74,678	4,050 2,47,400	10,463	3,19,099	8,578	1.000	2,18,850	72.95
(OIL-	Mostard and rape	3,38,284	1,01,160	4,06,611 1	1,11,400	******	81A 49	708,33390	20,31
	Other oilseeds	18,405 1,10,940	237,2344	1,20.320	8.471 37,526	1	51115s	5,974	8,119
OTHER	Tea seed	4,834	871	0,804	2,401	livegy	1	3,010	1,83
	Other kinds	27,883	19,068	22.018	20,665	4	4	4,150	1,0
так {	Do., numuractured (European)	1,918	1,106	1,914	824	609	344	15141	Bross.
	Do., ditto (Indian)	202	203	536	256	81+>	10	E	h 1 h - r -
tone and murble .	04 141 Atl the 994 Mile	3,14,601	11,832	20,709 10,764	10,139° 14,670	15,687	1,954	4.071	4,3
5	Sagar, refined	2,40,617	64,198	2,04,679	82,3(H)		10-4	13/801	17,3
	Tes, Indian	2,48,114	281,026 729	2,81,477	46,128 623	1.240	010101 -	4-101	10,8
ma 144 5	Do., Furvign	1,018	1,005	1,018	1,600	9		7 7,704	12.10
Coop	Timber	05,400 21,191	31,078 7.094	73.203 22,406	43,811 7,497	104141	della	1,025	42.0
700D u. {	Finemond and and any	₽4,807	8,366	41,210	3,301	14,291	007	Carlo m	,
	Wool, raw Do., manufactured (Euro-	2,406 439	1,079	1,2035	1,027 1,182	1,146	943	177 83	
7006	Wool, manufactured (Indian)	814	180	796) 2 .	
	Shawle we	*****	1-1-5-		340	28	112	2,69,716	B41 197
Il other articles of overnment stores	navehandise salbander	1,10,301	1,89,081 24,809	2,181,071	1,40,000	111111	hopite	2,89,718	20,6°
hinerale	649 968 144 115 415 81 Hgr 114 114 155 816	10,386	14,804	1,04,217	20,507	*	*****	15,539	0,85
									3,05.05

General remarks on the fluctuation of principal stanles carried over the East Indian Railway during 4 weeks ended 23rd April 1887.

INCREASES.

Coal and coke.—There was a nominal decrease in the weight carried downwards, and increase in receipts. The increase in opwards traffic is both for ordinary consumers and for milways.

Cutton.—This was due to the invourable state of the market reported on for Murch continuing during the greater part of

April.

Wheat.—This increase is in short distance traffic.

Bloc (hasked and undusked).—The increase in this staple is principally in upwards despatches.

Opium.—This increase is the to the arrangements for sale made by Government.

Railway Materials, Foreign.—Due, to despatches for the Indian Midland Enflway and the Tirhnot State Railway.

DECRMASES.

Piece goods, European.—The Calcutta market during the moath was dull, and the general report was that the amount of posiness put through was much less than usual for the season of the year.

Canny.—This decrease may be ascribed both to the prospect of short supplies of grain in the North-West, Oudh, and the gab, and to the outure of the milis at Cawnpore.

Crem and pulsas.—Due to the despatches to Howrah being much less than usual.

Sait.—This is due to less domand in the Calcutta market than in March, and to diversion by Foreign Railways.

Sands.—The decrease was principally in linseed, and was due to limited demand in Calcutta during the month.

Sugar and juggres.—This is owing to poor crops in the district served by our stations Arrab to Dumraon.

Tabacco.—The decrease was chiefly in the despatches from our stations in the Patna district owing to poor crops.

Government stores.—Due to decreased despatches to Howrah.

N. St L. Carter, Traffic Manager.

TRADESO MANAGRE'S OFFICE, JAMALPUR, the 9th June 1887.

Weekly Beturn of Traffic Beceipts on Indian Railways.

RAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 4th June 1887, on 1.519 miles open.

	Corchin	g Trappi	σ.		ibn and Mid i es eapric,	BAL	Cther our	n intere	Total earnings.	TRAFFIC	TRAIR-MIL	ES NUK,
	Number of passencers.	Recei	pin.	Weight carried.	Receipts	la ¹	(owner	DIL 1.		Coaching.	Morehan.	Total,
		Rh.	A. P.	Mps.	B. B. A	. P.	Re.	A. P.	Ba, (A, P,			
Total traffic for the week. Or per mile of railway For previous 2t weeks of half-	296,250	.T.78,655 183	2 0 0 11	28,30,016	60 0,10,517 3 405 T		16,750 1±	10 0 5 6	9,15,803 8 0 601 10 8	68,806	112,5001	176,20:0
year	5,416,780 *	d1,03,709	6 0	5,70,87,180	1,46/18,748	1 8	6,00,661	111.4	2,11,16,963 11 7	1,424,180	2,435,069	- G.194
Total for 22 weeks	5,713,030	43,82,407	Ø D	8,07,01,235	1,69,29,200 1	3 3	4,10,181	0 6	2,20,30,650 5 7	1,468,026	2,547,574}	The second second
COMPARISON.												
Total for corresponding week of provious year. Pro mite of maiway correspond-	214,365	R,59,276		30,27,350	7,30,015 1		17,736		10,10,000 s n	60,159	142,568	201,75
Total in corresponding date of	**1111	171	8 8	481348	489	3 1	11	13 14	671 0 7	1+14+4	Pirell	
Davarous Agrs,	5,393,600}	84,02,324	10 8	0,27,44,200	D 3,69,65,667 1	r 3	4,80,944	6 B	8,90,08,016 1P 2	2,480,315	2,680,483	4,120,801

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIP	THE JUNE 1886	Manding		to you were to June 1887.			L RECEIPTS FRO LINE TO STEE		Tora	L RECKIPIS FR.	on rus	Total increase	Total decrease
Mean mileage worked.	Receipts.	Por mile worked.	Moun morked worked	Rocsipts.	Per taile worked.	Mean mitsago worked.	Total receipts.	Per mile worked.	Moun mitsage worked.	Total readpts.	Per mile worked.	MA AGOV.	jti 1867.
	Ra,	Ra.		Ba.	Ba.		Ha,	Ba.		Ra.	Ra.	Ba.	
1,415	10,16,620	671	1,510	P.13,804	6u2	1,815	96,55,486	* u,378	1,510	93,00,567	0,127	yes bet	3,66,900

PATNA-GYA STATE BAILWAY.

Approximate Return of Traffic for week ended 4th June 1987, on 57; miles open.

	COACHING	TEAPPIC.	MERCHANDISH A	NO MINERAL	Other carnings	Total	TRABBIC	TRAIF-MILE	n avs.
d	Number of	Receipts.	Weight oseried.	Receipte.	(ostloated),	sartings.	Conobing.	Moroban-	Total
		Rs, д, р.	Mins. s.	Ru. A. H.	Et. A. P.	Ru. A. P.			
Total trails for the week Or per mile of railway For previous the weeks of half-year	12.217 214 207.870*	5,612 15 0 01 10 2 1,54,980 10 0*	40,205 20 842 0 12,68,783 10†	2.854 4 0 49 8 3 74,100 6 9t	42 10 0 0 11 11 1,128 10 51	8,860 13 n 241 8 8 2,80,216 16 0	1,682	96H 19,50L	8471
Total for 22 weeks	\$10,006	1,60,593 12 0	13,45,476 50	70,920 10 9	1,173 4 8	2,38,430 11 0	80,002	90,483	67,24
COMPARISON.									
Total for corresp * * * * * * * * * * * * * * * * * * *	12,5821	5,406 4 7	40,809 0	2,054 0 0	81 18 0	7,652 1 7	1,608	1,000	2,634
Total to corresponding face of	920	95 b 0	872 10	85 14 7	0 8 1)	182 0 6	derr.	presso	6.14-
Provious your	, 992,9504	1,81,720 15 8	11,96,126 30	51,334 12 0	, 1.082 11 8	9,84,138 6 11	36,842	120.021	57 35

Deducted number of passengers 303 and \$6. 1,015 0 0 1. Added Min. 22,471-30 and 30 15 0 on account of differences between the approximate and audited returns to week ended 50th April 186 2 2 Deducted 4 18 15 9

Approximate Statement of grass receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Departum
Oircular No. XXI, Railway, dated 23rd July 1883.

Anceser 57	o por wier u Juna 1856	entako	RECEIPT 47	s por wrde d John 1867	entino.		ENCRIPTS FROM INC. 1886.			REGESTER PRO PRID 1887 TO 4T Janu 1887,		Total	Total
Mekn sileato rorked.	Receipts.	Per mile worked.	Mean prilonge worked.	Receipts, .	Per pula worked.	Moan mileags worked.	Total receipts.	Per mile	Moun milengs worked.	Total receipts.	Per mile worked	2647.	decrease 3a67.
	Be.	Be,		Ba.	Bas		30.	Ra.		Ba.	Sta.	Re.	
07):	7,852	182	871	8,270	315	67	1,00,738	1,761	525	90.930*	1,677	******	19,61

. Deducted Rs. 1,375 on account of difference between the approximate and audited figures to week ended 20th April 1887.

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Leturn of Traffic for week ended 4th June 1857, on 12 miles open.

	COACREERS	TRAPPIC	, -	MEGRANI	KAP1		Hir.	41	Other on	mlas	Filtr	Total earn			TRAIS-MILI	m ron,
	Number of Jamesupers.	Recoipt	like	Weight carried.		Recei	sta,		lesting	rau),		10183 0812	a capping	Douching.	Morehan- dies,	Total.
		No.	A, P.	Mrs.	6.	Es.	å.	P.	Re,	A. F		Ra.	kj. 22.			_
phi reaffe for the week le per mile of railway or presions 21 wooks of half-	8,683		6 0 18 0	14,080	0	440 26	e 11	0	9.	12 0			4 6	201¢	tas	4936
Mile badazoste as actions of social	05.007*	10,927	14 pe	4,92,018	201	11,839	10	Πţ	179	13 6	1	92,947	S F	6,918	3,021	10,436
COMPARISON.	08,780	11,548	14 0	4,30,557	20	15,280	9	0	1 visir	Вц		24,018	9 8	7,114	8,818	10,037
yes for corresponding week of previous year of rational correspond-	0,0109		16 1	22,001	0	599			-	11 8	-1	1,178		217	820	482
ing week of provious year out to operaposiding date of portion year		10,965	1 8	7,20,972	0	18,688	0			0 0		97 1 45,400	9 3	4,470	6,605	11,15

*Added No. of passengers 577 and Ra. 129 0 07 *Added Mds. 1,667-39 and deducted . 52 5 0 on account of differences between the approximate and audited returns to weet studed 50th April 1987, 1 15 3

sproximate Statement of gross receipts of the Dildarnagar-Chazipur State Railway, prepared in accordance with Public Works
Department Circular No. XXI, Railway, dated 23rd July 1883.

LECEPT ST	BERT, MED TO ST	HAINENG	BROUTE 4	TH JUNE 1997 TH JUNE 1997	BEDIEG	TOTA	T. RECEIPTS FRO PRIL 1986 to St JUNE 1886.	on ter CH	TOTA	L RECEIPTS FEE PRI), -887 to 42 JUNE 1887.	H	a Total	Total
li into pience prised,	Meonipin.	Por mile worked,	Mean adlesse worked.	Beoripte.	Par unio norhed;	Bieno nuleage worked,	Total reoripts.	Hor mile worked.	afean milesge worked.	Total receipts.	Per Talle Worked,	AMP.	decrease in
13	Ha. 1,175	Rs. 88	18	Rs. 1,071	Ra.	11	Ko. 43,259	Re. 1392	13	An. 11.207*	Ra. 954	Absted	Ha, 8.09z

* Added Rs. 55 on account of difference between the approximate and analyted figures to week ended 90th April 1887

SINDIA STATE RAILWAY.

Approximate Hoturn of Traffic for week ended 4th June 1887. on 74; miles open.

	DOADEIR	o Trappio.	MERCHAPOTRE TRAF	AND MINBRAL PIC.	Other carnings	Total	TRAFFIC	Tuats-mili	m sever.
	Sumbor of	Receipts,	Weight curried.	Recoipts.	(entimized).	earnings.	Couching.	Morehun. dless	Total.
		Be. 4. 2.	Mps. 1.	Be, A. P.	Ra. A. P.	Ra. A. P.			
hal traffic for the week. I per taile of sailway on half-	8,300	6,881 0. 0 89 0 6	09,308 30	4,819 16 0 57 10 7	127 10 D	11,72N 9 0 148 11 8	083	1,191#	1,874
Areaford Et adelite Of 1987.	1:4,978*	90,700 D 0°	21,09,00% 201	£06,415 6 81	9,428 9 93	1,92,020 9 3	16,577	84,656	41,831
Total for 22 weeks	238,569	1,0:,476 9 0	22,08,570 30	98,716 5 6	2,480 19 0	2,00,782 11 9	10,460€	\$2,446}	43,266
COMPARISON,							1		
taller corresponding week of revinas year mile of rathway correspond-	D,886\$	4,742 11 8	74,952 30	2,856 13 0	186 18 3	7,786 5 11	888	1,185	1,996
be wick of providing year		68 6 6	711 mbs	\$8 B 6	114 3	198 7 B	344144	an el M	* 00.03.00
parison home in the bit	194,8834	98,413 34 16	18,08,424 0	77,285 10 d	2,256 8 8	1,77,981 12 7	24,106	54,789	68,867

Added number of passengers 506 and beducted rick, 1,277.40 and Ru. 375 (0) on account of differences between the approximate and audited returns to weak ended 50th , 31 10 p) April 1847.

approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, duted 23rd July 1883.

CHip	THE JUNE 1889	ENDING		TS POR WHEN THE JUNE 1447			PROBIETS FEG PRIL 1886 TO ST JUNE 1886.			t anchipta pac part 1887 to 4x June 2887.		Total	Total **
Ted.	Websipta,		Many milenge worand,	Beceipts,	Par Bula Torkod.	Mean milance worked.		Par milo warlest.	Mesn miles or worked.	Total mostpin.	Per mile worked.	therman in	degrees as
	Ra.	Re,		Ra.	Be-		Sa.	Es.		Ho.	Re.	Ba.	Ra,
	7,728	208	741	11,195	189	742	71,374	069	74è	*83,455	1,10#	11,463	dia

* Added Sta, 300 on account of difference between the approximate and audited figure- to week ended 30th April 2837.

TABKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 4th June 1887, on 22; miles open.

	Corozia	TRAPPIO.	MERCHANNISE TRAI		Other earnings	Total	TRAPPIO	TRAIN-MILES
-	Number of passengers.	Receipte.	Weight earried.	Receipts.	(catinated).	onersings.	Cosching,	Merchan.
		2d. 4. F.	Mds. a.	Ra. a. P.	Rt. A. P.	Ra. s. P.		
otal staffe for the week	fa,676	5,375 7 6 261 11 8	8,765 10	197 8 · 0 18 8 11	0 0 0	0,985 8 0 265 8 8	901	06
July	454,677	1,16,591 11 0*	1,77,786 201	6,122 Z HOT	140 d of	1,20,565 8 0	19,696	964
Total tor 22 weeks a COMPARISON.	43,763	1,19,970 2 0	1,80,500 50	0,419 10 0	158 10 0	1,20,049 11 0	20,800	1.030
stal for corresponding week of previous year or sulle of railway correspond- ing week of previous year	16,186)	6,157 B .0	5,813 19 .	. 280 B 0	7 7 6	6,420 B 6	808	N
ital to corresponding date of	463,687	1,20,401 8 11	2,55,568 50	8,216 6 0	165 9 11	1,18,001 0 10	23,280	2,051

^{*} Added number of passengers 9,905 and Ra. 1,605 0 0 on account of differences between the approximate and satisfied esturns to week and ad 50th April 157.

Approximate Statement of grees receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

	TH JUNE 1886		Raculty 4x	es hor were the June 1667.			LEBORIPTO PROPERTY LESS. O	II.		L RECEIPTS PRO PRIL 1887 TO 6TH JUNE 1887.		Total lucreasein	Tota
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked,	Receipts.	Per mile worked.	Mean mileage worked,	Total receipts.	Per mile worked,	Mean wilenge worked.	Total recaipte.	for unite worked.	1847.	degreene is
	B4.	Ra.		Ra.	ftu.		Bu,	Rs.		Re.	Ray	lite,	Ba.
294	4,428	199	921	5,496	984	221	86,563	2,849	20)	88,990*	2,316	*****	873

^{*} Added Re. 1,682 on account of differences but ween the approximate and audited figures to week anded 50th, April 1887.

INDIAN MIDLAND BAILWAY.

Approximate Return of Traffic for week ended 4th June 1887; on 42 miles open.

	COVCEERS	TRAPPIC	,	25	Tarcuason Ta		ed Minus	J.A.	1	Other our	niku	the l		,	1	TRAFFI	TRAIN-MI	IN MUT
*	Number of passengers	Receip	itai,		Weight ourrest.		Receipt	I,		(estimat			Total carm	eng	pd.	Conching.	Men cham- disc.	The
		Bs.	A. I	. [Mrs.	e.]	Re. ,	B	. }	Re J	· F	٠,	Ra.	4.	F.			1
total traffic for the week Or per mile of raffway Pomprevious 31 weeks of balf-	8,040	2,332 65		8	67,855	10	4,618 1 209 1				10		6,078 156	0	8	191	640	
1001 PM MARKS OF DEST-	67,000*	26,250	10	0"	10,66,286	01	64,673 1	6 (0+	607	4	at	91,487	1	8	8,700	12,409	8,4
Total for 28 weeks	82,060	28,588	1	3	11,11,209	10	69,180	0 (0	680	14	ī	88,468	y	6	4,187	18,117	17.4
Comparisor.																		
Total for corresponding week of previous year Per mite of rail way correspond-	2,668)	\$,000	9.	6	18,100	0	1,578	4	0	31	В	0	9,677	4	4	3.49	140	- 1
ing week of previous year Insal to corresponding date of previous year	98,06A .	96 9,900			1,60,813	0	,87 11,863	7 5		907	4		93,878			3,903	2,047	407 1,3

^{*} Deflucted No. of passergers to and Eq. 6 n 0 4 Added Mds. 649-50 and deducted ". 1,851 8 0 on account of differences between the approximate and sudited returns to week ended 50th April 18 1 Beducted . 45 2 6

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Departs Circular No. XXI, Railway, dated 23rd July 1883.

* Bacan	PTS POR WHEE :			PIR FOR WHEN ATH JUNE 1887.	andine.		AL RECEIPTS P BLL 1860 TO SET 1886.			AL RECHIPTS FI APRIL 1887 TO JUNE 1887.	10M 41J	Total increase	Total ded
Wean milwege worked,		Per mile worked.	Mean milante worked.	Heceipte.		Menn milinge worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	to PMT.	
1	Ba _t	Ra.		Rø.	Ru.		Re,	Ra,		Ba.	Ho	Rs.	
45,	2,677	84	48	6,978	106	42	91,972	523	40	41,884*	997	10,019	

Deducted Rs. 1,901 on account of difference between the approximate and and ited figures to week roded 30th April 1887.

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D., AND ASSAM-BERIAR SECTIONS)

Approximate Return of Traffic for week ending 28th May 1887, on 845 miles open.

	COLORIS	e Trayer	c.	Merchardin	S AND MINERAL APPIC.	-	Other carnings (malmated),		TRAPPIC	TRAIN-MIG	ss' non.
	Number of passengers.	Conchi		Weight carried.	Beselpts,	!	Steam-boat.	Total sarnings.	Coaching.	Marchan- disc.	Total.
		Ba.	A. P.	Mon. 6.	Ra. a. p	ij	Ra. A. P.	Rs. A. P.			
futal traffic for the week Or per mile of railway	114,818 177	63,830 88	0 0	(4)7,54,521 (1,170 (80,180 6 0	1,53,340 0 0 208 0 0	19,389	(4)\$0,688	40,345
For previous 20 weeks of hair-	2,719,202	12,77,857	0 0	1,05,61,814 €	-18,86,760 0 p	Ė	2,54,\$18 0 0	80,67,841 0 00	895,133	, 285,R78	781,007
Total for \$1 weeks	2,883,617	19,81,887	0	1,13,16,985	16,18,146 H D		2,74,316 0 0	52,21,181 0 0	414,992	406,360	821,855
COMPARISON.			,								
Total for corresponding week of previous year Per mile of railway correspond-	180,110	89,186	0 0	(a)7,44,817	(a)70,118 p o	i	20,014 0 0	1,69,259 0 0	17,160	(a)18,717	88,677
he period of previous year	198	97	0 0	1,229	110 0 0	1		218 0 0	* ****	BELOAD	# + 1 to gray
bearing Ages,	B,714,600	18,58,487	0, 0	1,27,27,040	16,80,628 0 0	i	E,80,489 9 0	31,43,614 0 0	365,818	461,804	817,117

* Audited up to first March 1887,
(a) Iroludes usilisat trains,
Norm,—Lisons and Assaur-ticher sections are also published separately.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Rustern Bongal State Railway.

Lacaters	POR WEST 20TH MAY 18	BRIDERG 86.	Racuse	TS POR WHEN STH MAY 186		APRIL	RECEIPTS FRO 1886 TO WHEE OTH MAY 1886,	ENDING	APELL	RECEIPT: YES	ON let		,
Nean milesze wyked.	Receipts.		Moan mileare worked.	Baculpte	Per mile worked.	Moan milesgo worked.	Total receipts.	Per mile worked	Monn gnilunge worked,	Total receipts,	Per mile worked.	Total increase in 1687.	Total derransa ha 1987.
	Es.	Re.		Re.	¥1,		Ra,	R4.	*	Ba.	Re.	Re.	Re.
808	1,49,998	246	Gáil	1,53,840	.538	006	11,74,767	245	645	\$1,40,488	2) 1		34,279

RASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D. AND ASSAM-BERAR SECTIONS.)

Approximate Return of Traffic for week ending 4th June 1887, on 046 miles open.

•	COACHING	TRAFFIC	J.				AND MINERAL		Other earnings (est)mated),	m.e.				TRAFFIC	TRAIN-MIL	en Ruf.
	Number of passengers.	Coach			Weight carried.		Receipta.		boat.	Tola	00.17	urici	ŢIII.	Couching.	Merchan-	Total.
		Ra.	A.,	þ,	Mos.	n,	Bo. A. 1	,	Re. A. P.	,	Ra.	Α.	P.		,	
Toini traffic for the week. Or per mile of railway For previous 21 weeks of half-	168,880° 167	70,680 110			8,77,490 886	0	48,100 U ets 0		20,690 4 0	1,34	\$70 1₩	0	0	19,843	16.478	38,838
LOUIS IN THE STATE OF STATE OF	2,858,617	15,81,687	0	0	1,18,14,896	6	10,15,146 6	H	9,74,818 0 0	22,21,	181	0	0+	414,802	400,468	881,865
Total for 18 weeks	2,990,447	14,09,337	0	0	1,10,93,465	B	20,6H,916 0 I		4,84,969 C 0	33,85	188	0	0	434,688	421,RSR	QM,073
COMPARISOR,			ń													
foral for corresponding week of previous year for min of railway correspond-	110,520	880,66	. 0	0	8,84,108	0	17,250 0 .	ņ	11,204 0 0	1,94	,076	0	0	17,819	16,010	33,201
Total to corresponding date of	199	0:	0	0	634	0	96.0	۵	979 71 1		196		0	4 151414	HH:0	40,.00
CLARIONE AUGUST CONT.	9,831,980	18,88,070	0	10	1,81,11,454	Ð	16,87,917 9	0	8,91,708 0	81,67	,890	0	0	282,632	407,844	650,57

Increase due to Deschors bashing festival.
 † Audited up to 31st March 1887.
 Note—Dacos and Assam-Schar Sections are also published separately.

PINANCIAL YEAR.

at of organ receipts of the Eastern Bengal State Railway.

an claim	Ton were a	SEDIES	Recuts	TA FOR WEEK!	BRDING	1sr A	AL RECEIPTS Y PAIL 1881 TO 1NG 5TH JUNE	WHEE	1ST APR	AL RECEIPTS POLICE IN TO WHEN GEN JUNE 1847.	nom kuding	Total increase	Total decrease
Monay wideness worked.	Rescipta.	Per mile worked.	Mean mileage worked.	Becaipts.	Per mile worked.	Moan aufesges worked.	Total receipts.		Mean wiltege worked,	Total receipts.	Per mile worked.	in 1897.	tu 1887.
	Ra.	Pa.		Ra.	Sa.		Ba,	Ma.	1	B4.	Ra.		Ra.
***	1,24,074	208	645	1,84.270	208	god	11,08.843	230	645	15,74,808	150		78,986

BENGAL CENTRAL BAILWAY.

Approximate Return of Traffic for week ended 6th June 1887, on 125 miles open.

	CONCETR	e Traffic.		MERCHAPI		ard Mini	in a	ı	Otherwan		-	Total		1	TRAFFIC	TRAIN-MEE	AL RES.
	Number of passengers.	Conclust		Waight partied.		Boody	iall _a		Other ear			on raing			Cosching.	Merchan- dise.	Total.
		Hu. A.	p.	Mrs.	4.	Ba.	A. 1	». J	Re. a	Δ.	þ.	Ra,	ā,	. 2.			
Total traffic for the week Or per mile of railway	42,000° 38d	16,000 q		46,900 (88)		8,000	0		40		8	21,040 108			3,996	1,484	5,420
year at the second built	698,471	1,78,882 0	0	8,36,484	0	55,989	Ò	0	1,001	0	6	2,35,166	0	01	80,140	20,848	1,11,46
Total for 21 works	508,473	1,96,899 0	*0	9,01,484	0	08,102	0	0	1,041	0	0	- 1,56,205	٥	0	84,130	pt.,767	1,16,300
Total for corresponding week						4 .											30
of previous year Per mile of railway, corresponding	24,948	8,698 0	0	10,669	0	1,404		D	18		9 1	10,417	0	0	- 4,190	1,000	7 3.20
period of previous year	190	71 0	b	150	0 0	1.21	U	0	*** 101			149	Ü	a	496,644	141418	0- Gage
Michigan April an me	849,669	1,90.145 0	0	8,21,240	0	48,431	0	0	654	0	0	1.30,230	0	0	86,911	89,997	1,16,200

^{*} Increase due to Daschara building lestival, † Audited up to 51st March : 887.

FINANCIAL YEAR.

Approximate Statement of Grass Receipts of the Bengal Central Railway.

	CRIPTS FOR W		RECEIP	TO FOR WERK FILL JUNE 1887	Frojeg	ATMIL	L RECEIPTO FRO 1984 TO WEEK TH JUNE 1886.		Armin	t RECEIPTS PRO 1887 TO WENK I PH JUNE 1887.	PETRICA PETRICA	Total	Total
Monn milesgo warked.	Receipts.	Por mile worked.	Ness milesens worked.	Receipts.	Por mile worked	Mean milmere worked.	Total receipts.	Per mile worked.	Menz milesgu worked.	Total receipts.	Per mile worked.	increase in 1897.	docresse s
	Ra.	Ra,		Ra.	Pa.		E4.	Ra.		Ru.	Ma,	Re.	
386	10,617	63	120	21,040	168	133	1,00,677	90	195	2,19,204	101	2B,417	Mish

DACCA STATE BAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 86 miles open.

	COVCHIRG	TRAFFI	J.	Минена	The			E41	Other cars	n.teus =	Total cars			CHE-WALKT C	es Run.
	Nataber of passungers.	Reori	sta.	Weigl			Rocaipt	6/	(magamate	d),	TOTAL CALL	ungs.	Conching.	Merchan- dim.	Fotal.
		Re.	A. F	. н	DI. II		Ra.	á. P.	, Ra.	A. P.	Sin.	A. P		1	1
Total walks for the week. Or per mile of reliway For pravious 20 weeks of half-	11,273 181	8,640 42	0 0		120 C		500 B	0 0	60	0 0	6,800 68	0 0		869	25
Add the on the con the	889,470	87,341	0 (8,29,	E1 0		\$6,794	0 0	E,106	0 0	1,17,242	0 0	44,543	20,000	67,021
Total for 21 weeks	\$70,743	90,9%	0 (3,82,5	161 0	Ţ	27,354	0 0	B,106	0 0	2,81,441	0 6	40,500	23,448	(P),095
COMPARISON.															
Total for corresponding week of previous year Per mile of railway, norrespond-	9,579	8,148	0 0	8,	M29 C		465	0 0	की	0 0	8,005	0 0	#80	307	1,330
ing period of provious year	111	. 27	0 (25 0		- 6	0 0	# 11 vd1		48	0 0	*****	411.014	10.54.
mentions for	909,339	60,882	0 1	8,91,	181 0		20,354	0 0	4,933	0 0	91,008	0 0	17,706	88, 489	61,143

^{*} Andited up to Slat Mapch 1887.

FINANCIAL YEAR.

Approximate Statement of gross versipts of the Dasca State Railway.

Basser Pr 29	S POR WERE	ENDING .	RECEIPT	S FOR WHEN I STH. MAY 1887		APRIL	NUCHIPTS PRO INSE TO WEEK 1 OFF MAY 1850.	M JET	APRIL.	L RECEIPTS YA. 18-7 TO WEET 28TH MAY 1987	EFDING	Total increase	Total decrease
Mean mileage worked.	Lecsipia,	Per mile worked	Mean mileage worked.	Resulpte.	Por mile warked.	Mosp mileogr worked.	Total receipie,		Msep mileago worked.	Tolal receipts.	Per tuite worked	in 1507.	111 1J\$80-
	Ra.	Ba.		Ba.	Ra.	68	Ra,	Bu.		Ra,	Be.	Ba.	Ma.
	8,063	48	. 86	4,900	40	60	06,860	80	80	87,905	56	1,489	

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 4th June 1887, on 86 miles open.

	Срациис	TRAFFIC	C.	MERGHAND	ISR THAI	NIC.	BR41		Other earnings				TRAPPIC	Тилен-перед	LBUK.
•	Number of passonspare.	Coachi		Weight carried.		Receip	taj.		(retimated)	Tatal os	Litra	gr.,	Coashing.	Merchan- due.	Total.
		Ra,	A, 2.	M ba.	m,	Ra.	A. P.	,	Ba, A. P.	Ra,	A.	la,			
real tradis for the week by per mile of railway for previous il weeks of half-	15,000 140	6,000 60	0 0		0		0 0		50 g 0	4,53			1,808	G00	2,400
AND THE PERSON NAME AND ADDRESS OF THE PERSON NAME AND ADDRESS	270,748	D0,081	0 0	5,32,851	0	27,294	0 0	1	8,100 0 0	1,51,441	. 0	0"	48,593	23,483	00,090
Total for 21 weeks	982,743	04,091	0 0	8,89,881	0	27,774	{I D		8,210 0 0	7,25,07	0	.0	48,300	24,063	72,586
otal fd. borresponding wook . of previous year of mile of railway correspond-	0,018	8,101				640			71 0 0	9,70			913	897	1,88
olal to corresponding date of	. 118	37	0 0		0		() U		rand bi	40	U	-O	*****	117.491	40.000
BERRITHE ACRE on to the	212,248	01,576	0 0	3,25,133	0	25,714	0 0		6,000 11 0	95,87	0	D	19,637	33,836	69.45

^{*} Audited up to Sist March 1887.

FINANCIAL YEAE.

Approximate Statement of gross receipts of the Dacca State Railway.

Lacret P 7	re you werk : in June 1886,		RECEIPTS 4TH	FOR WEEK : JUNE 1887.	ENDING	APRIL	. RECEIPTS PAC 1886 TO WEBE I BYH JUNE 1888.	EXHING .	APRIL	t Receipts pro 1687 to week 1 th June 1887.	M let	Total	Total
Trum guvrago parked,	Receipts,	Per mile worked,	Mean mileage worked.	Receipte.	Par milu worked.	Mean mileage worked	Total receipte.	l'er and worked.	Mean mileage worked.	Total receipts.	Fer mile worked.	introduc in 1867.	discrementia 1857.
M	Bs.,	Ra.	98	Ru. 4,580	Rs.	20	Ra.	Rs.	60	Els, 42,435	Ns.	Ba. 2,366	Ea.

ASSAM-BEHAR STATE RAILWAY.

PURNEAU SECTION.

Approximate Return of Traffic for week ended 28th May 1887, on 39 miles open.

	Ceaching	Talypic.	MERCHANDIES TRAN	AND MINBEAL	Other carnings	Total	TRAPPIC	TRACE-MILE	ta Ara.
14	Number of passengers.	Coaching roseipts.	Weight carried.	Receipts.	(catimated),	DETHIDES.	Conching.	Morehan-	Total.
	, ,	Ba. A. P.	Mps, s.	Re. A. P.	Ra. 4, P.	Rn, A, P.			
Intel raffe for the week It is mile of railway as half-	1,507 56	, 860 0 0 18 0 0	25,289 0 d14 0	2,610 b 0 67 0 U	80 B O	3,400 0 0 89 0 0	470	1144A.	1,078
1042 m. 144 411 141 141	18,752	6,351 0 0	1,78,939 0	17,893 n 0	100 0 0	28,640 0 0	3,496	4,430	7,854
Total for 8 weeks	21,250	7,911 0 0	2,01,521 0	80,000 O H	120 0 0	97,556 0 0	8,894	5,089	8,032
COMPARISON			1					-	
Tall for corresponding week of provious year For tale of railway correspond-		***************************************		+4117	h84:41	4++++			
Paul to corresponding date of	919464	* ******	111401		10-017-	*11.11	1950-		> y > 10p
previous your	911.04	*****	****	*****	*****	1-114	Hardi		441 }

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Assam-Behar State Bailway.

E CHENCE	N FOR WEEL	Ambisko I.	RECRIP	TO POR WHOK 28CH MAY 1887		A.P	RECEIPTS PRO REL 1886 TO W ING 20TH MAY	REK	An	L BECEIFTS FRO BIL 1847 TO WI ING SSYN MAY	N/E/TG	• Total	Total
lenn lengs rked	Receipte	Per mile worked.	Mean mileum worked.	Receipts.		Mean mileagu worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	1817.	decrease in 1687.
1	Rt.	Ba.		Ba,	Re.		Ra.	Ra.		Ra.	Ha.	12m.	Pa.
-	****		20	2,490	.89	*.	181549		299	37,336	88	27,334	. terms

ASSAM-BEHAR STATE RAILWAY.

PURNEAU SECTION.

sparonemute Return of Traffic for week ended 4th June 1987, on 39 miles oven.

	COACRING	THAPPIC.	A) RECEASED THE A THAT	TO MINERAL .	(Mitter earth) has	Total marnings.	TRATEIO	Talle-miles hox.
	Sumber of passenuers.	Conching receipts.	Weight ourried.	Receipts.	(wericheed).		Compling.	Merchan. Total.
		Es. A. P.	Mdn. s.	Rs. A. P.	Ba. A. P.	R4. A. PA		i
Cotal traffic for the work	2,230	150 0 0 24 0 0	15.27b v 392 b	1,870 0 e	. 10 0 0	2,240 C 9 57 0 9	470	1,00A
for previous 8 weeks of half-	21,250	7,811 0 0	2,01,521 0	20,000 0 0	120 0 0	17,150 O D	3,004	0,088 ×,645
Total for 8 weeks	\$5,880	8,151 0 0	2,18,791 0	21,275 0 0	161 0 0	29,57ff b 6	4,804	-0,000 CB.000
COMPARISON.	1		,					
Cotal for corresponding wook	P=04	400.131	h14++h		y . hd P	0-47317	49 00-00	1414P7 (IL
or mile of milway correspond- tag period of provints your fath to corresponding date of	1154		p14.4-		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44	*****	
factoring Analy	11414	411-01			/v II b	4-4-050		

FINANCIAL YEAR.

Approximate Statement of green receipts of the Ansum-Behar State Railway.

Bucutett		SKPING	ILEGRIPT	B POR WHEK IN JUNE 1887	EEDING.	TOTA APRIL	I RECEIPTH PRO- ISE TO WEEK E CTR JUNE 1884.	M let 'A	Total Armin	L ERCEIPTS PRO 1887 TO WHER 1 4TH JUNE 1887.	N IST MEDING	Total	Total Secretario
Mean mileter worked.	Recetpts.	Pet mile worked,	Mean mileage worked.	Reccipts.	Per mile worked.	Mean mileste engliett	Total receipts.	Per mile worked.		Total receipts.	Per mild worked.	1867.	1847
9			200	Ra.	Bs.		··		39	R4. 29,576	Be.,	Re. 19,070	,,,,,

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week onding 4th June 1887, on 249 miles open.

- And Paris									
A Land of the Land	Coachiw	o TRAYRIC.	MENCHAPPIES ! DAT		oliter carmings	Polai earnitura.	TRAPPIC	CEA (B-MILE	Bart A
	Number of passengers.	Concluse	Weight parried.		(entininted).		Counting.	Merrian- diso,	Total
		Re. A. P.	36 TO H	MR. A. P.	Es. A. F.	Bo. 4. C.	.	- 61	
Total traffic for the week on \$40	B5,811	1-1,955 G 10		15,077 to 0 68 9 0	8,514 14 P	\$5,840 1 to 120 11 0";	6,04%	0,917	30
For previous 21 weeks of tailf-	610,514	8,10,370 0 2	35,18.574 0	8,40,230 2 0	60,074 2 0	7,80,584 14 2	119,107	126,416	
Total for 22 wroze	H47,760	8,51,021 0 0	56,79,811 0	8,84,317 0 0	70,420 0 0	7,59,481 0 0	115,10	\$50,00	25 (100)
COMPARISON. Point for correspondence week of pravious cast of 240 m des upon	20,289)	19,866 12 , 0	1,00.074 0	15,045 8 0	3,811 U 11	88,193 15 11	B,920	5,407	9,817
the sent and rational sourcestioned	110	8.5 2 0	697 0	64 18 O	1 1 0	191 1 04			
the week of specials year of the		2.79.075 6 4	\$2,68,580 Ac	9,93,678 \$ 5	(17,06) 6 7	16;8A,8QU 2 4	108,637	111,098	217,885

^{*} Stress-boat sarnings exceeded in calculating " Petal carriage per mits of radiway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Terhoot State Railway.

Ki manga Anda	egy wêrs Jeyê 1896.	RWI/ENG	A were 1947.	en Jewr 186	mudsna 7.	TOTAL	PROSTETS FOR PROSTED STATE SAND SAND SAND SAND SAND SAND SAND SAND	7:14	SPH	the active and the 1987.	June	Total increas in	Total decrease in
	1 1: 1:	Por		Receipts.	Por united worked.	Nigari and exce- worked.	Total receipts.	Per mile worked.	Moan unleage worked	Total receipts.	Per talle worked,	1887.	1567-
	Hax.	u _B ,	1560	Ra.	Da.,	540	Ro. 3,05,910	Ra. 1,856	240	Ea 3,44,500	Ra. 1,801	28.0 . 577,490	
								-					

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 4th Jane 1887, on 27 miles open.

	Солоніко Телрую,			MERCHANDISC TEA	PRIC.			Trappic Train-males my N.			
	Number of parauskers.	Conclu		Weight estrad,	Becopts.	(entiment).	Total earames.	Unaching.	Merchan-	Notal.	
		Rs.	A. P.	Mps. s.	Nn. 4. F	Ba. A. C	Re. A. F.				
form traffic for the week	3, 1912 140	1,433	0 0 D 0	0,300 0 348 0	00% 0 0 25 10 0				254	748	
pour wester at weeks of buil-	62,365	23,821	0 D	2,03,300 0	15,411 9 9	620 0 6	39,490 0 0	10,741.	7.100%	17,0274	
Total for 25 wacks	60,1517	-24,1184	0 0	5.74,708 0	10,117 v 0	S Edel (F U	\$1,447 U O	11,570	7,4601	16,861.,	
COMPARISON,						i					
Patal for corresponding weak	¥,200h	J484	14 3	4,639 16	266 2 0	9 9 1	1,598 7 3	509	254	, 76%	
Per unit-of railway correspond-	H1	31	$\mathbb{P}^2 = 0$	170 0	13 a (0 0 0 0	15 7 0	416 00 1	hillians	Market.	
Pani to corresponding date of	36,1/304	22,000	13 3	1,77,072 40	13,453 4 6	5 260 S 1	30,470 10 2	11,513	6,879	17.224	

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nathati State Railway.

Rucata	te for when the June 1860.			TH FOR WEEK ITE JUNE 1867	MADING.	Tota	L RECEIPTS PAGE PRIL 1880 TO S JUNE 1886.	M ISP		erceipts un rust 1887 to P Juste 1887.		Total	Total decrease in
Hean mirette worked.	Receipts	Per mile worked.	Blenn mileage worked.	Receipte.	Por male worked.	Mean milence worked	Total receipts.	1011 (16	Mean mi chre worked	Fintal receipts.	Per unite worked.	INS7.	1857.
	lts.	Rs.	,	Ra.	Ra.,		Rs.	Ma.		Hs.	Hs.	Rs.	
271	1,234	45	271	9,157	70	271	10,124	802	074)	17,7KG	025	1,662	



The Calcutta Gazette.

WEDNESDAY, JUNE 22, 1887.

OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Supramment reparately on payment of Sic Rupees per annum if delivered in Calcutta, or Iwelve Rupees if sent by Post,

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PILGRIMAGE TO MECCA.

POLITICAL-No. 2036P.

Calcutta, the 17th June 1887.

From—H. A. D. Phillips, Esq., Under-Secretary to the Government of Bougal, To—Messes. Thomas Cook and Son, 11, Old Court House Street, Calcutta.

I am directed to acknowledge the receipt of your letter No $\frac{10}{\lambda}$ $\frac{13}{380}$, dated the 2nd instant, and in reply to say that the Lieutenant-Governor approves of the following additions to paragraphs 22 and 23 of your prospectus approved by the Government of India, in the Home Department, in their Resolution No. 2—102-14, dated the 3rd ultimo, regarding the arrangements for the conveyance of pilgrims to Jeddah and back:—

Messrs. Thomas Cook and Son have also arranged for pilgrims to travel from Calcutta to Jeddah by steamer weekly, starting on or about every Sunday, transhipping at Bombay into the special steamers aforementioned in the Notice at the following rates, including landing and embarkation charges at Jeddah—

Single journey, dock-passage ... 50 8 0
Return journey dato ... 86 0 0

Messrs. Cook and Son have also arranged for through tickets to be issued from Chittagong to Jeddah by the B. I. S. N. Company's weekly

mail steamer leaving Chittagong from the 1st June to the 14th July, inclusive, changing steamers at Calcutta and Bombay at the rates mentioned below:—

			Re.	A.	\mathbb{P}_{\bullet}	
Single journey, deck-passage Return journey, ditto	***	***	56	8	()	
Return journey, ditto	411		98	0	()E	

The cost of through tickets by railway from Calcutta to Bombay, and thence by the special steamers to Jeddah, inclusive of landing and embarkation charges at Jeddah, is as follows:—

						Re.	A_1	P.	
First	class	***	4 - 4		***	172	8	0	
Second	11		***	999		98-	용	-{}	
TT31-2-3	0	•				150	- 5	0	

The charge for return tickets to enable pilgrims to return either this or next year is—

						Tra.	Ai	E.
First :	olass	400		***	***	278	4	()
Second	22	1.44		***	***	154	10	()
Third	33	***	***	***	***	85	10	-()

Circular No. 22P.

Copy forwarded to all Commissioners of Divisions, in continuation of the circular from this office, No. 21P, dated the 1st instant, for communication to District and Sub-divisional Officers for information and guidance. Messrs. Thomas Cook and Son have appointed Mr. A. Akin-Higgins as their Agent in Calcutta, from whom tickets can be obtained either by the Collectors of districts or by the intending pilgrims themselves.

ANGLO-ARABIC SCHOOL AT PATNA.

GENERAL DEPARTMENT-EDUCATION.

Calcutta, the 18th June 1887.

RESOLUTION.

READ the undermentioned correspondence regarding the Anglo-Arabic School at Patna-

A petition of the members of the Muhammadan Education Committee of Patna received in January 1886.

Letter to the Commissioner of the Patna Division, No. 25, dated 15th January 1886.

Letter from the Commissioner of the Patna Division, No. 175G, dated 27th March 1886.

Letter to the Commissioner of the Patna Division, No. 348, dated 10th April 1886.

Letter from the Commissioner of the Patna Division, No. 366G, dated 7th June 1886, and enclosures.

Letter to the Director of Public Instruction, No. 500 T—G, dated 22nd June 1886.

Letter from the Director of Public Instruction, No. 5372, dated 9th August 1886, and enclosures.

Letter from the Commissioner of the Patna Division, No. 629G, dated 28th September 1886, and enclosure.

Letter to the Director of Public Instruction, No. 1043, dated 21st October 1886.

Letter from the Director of Public Instruction, No. 1442, dated 24th February 1887, and enclosures.

Letter from the Commissioner of the Patna Division, No. 90G, dated 26th February 1887, and enclosures.

Letter to the Director of Public Instruction, No. 190, dated 16th March 1487.

Letter from the Director of Public Instruction, No. 2328, dated 28th March 1887.

Letter from the Director of Public Instruction, No. 3233, dated 9th May 1887.

In the memorial, dated January 1886, referred to in the preamble, the members of the Muhammadan Education Committee of Patna, having expressed their conviction that the absence of any provision for religious education is the main cause which has hitherto prevented Muhammadans from sending their children to Government institutions for education, informed the Lieutenant-Governor that they had established a school at Patna on the model of the Aligarh Collegiate School, where arrangements had been made, not only for the secular instruction of the members of all creeds, but also for the religious education of Sunnis and Shias. In the Patna Anglo-Arabic School, it was added, special provision had been introduced for imparting to Muhammadis (Wahabis) religious teaching based upon their own principles. The school was opened in March 1884, and on the date of the petition it had 200 students, of whom 97 were Sannis, 29 Shias, 26 Muhammadis, and 47 Hindus. The memorialists asked Government to assist them by acquiring a site for school buildings, by making a grant of the interest of the Behar Industrial School Fund, by making a money grant from the Wahabi Fund, and by a grant-in-aid from public funds.

2. It has been ascertained that the Municipal Commissioners of Patna have subscribed Rs. 66 a month, recently increased to Rs. 100 per month, towards the support of the School, and that an income of Rs. 308 per month is realised from fees and subscriptions. The institution appears to be properly conducted, on the plan laid down by the founders. The Lieutenant-Governor, considering these circumstances, and desiring to take every promising opportunity to promote education among Muhammadans, is pleased to sanction a grant-in-aid of Rs. 100 a month, with effect from the 1st July 1886, and also a donation of Rs. 15,000 from the Wahabi Fund, formed from the proceeds of forfeited estates. The latter sum will be invested in Government securities in the name of the Controller-General, the interest being paid for the benefit of the School, as long as it is properly conducted, and the principal will be made over to the managers soon as the institution shall have given sufficient proof of permanent stability. With regard to the acquisition of a new site, the local officers will give every assistance in the selection, and Government will contribute as additional sum of Rs. 5,000 from the Wahabi Fund towards paying the cost of acquisition. Sir Steuart Bayley considers that there is an

objection to the assignment to what is, to some extent, a denominational institution of money raised from the public generally for the Behar Industrial School.

3. The Lieutenant-Governor notices with pleasure the interest taken by Nawab Syed Wilayat Ali Khan, c.i.z., Moulvi Syed Ahmed Hossein, Moulvi Mahomed Hossein, Moulvi Khoda Baksh, Khan Bahadur, and many other Muhammadan gentlemen in the foundation of this Anglo-Arabic School, and hopes that others may be found willing to follow the excellent example set by the residents of Patna.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Director of Public Instruction, and the Commissioner of the Patna Division, for information, and to the Financial Department of this Office for information

and communication to the Accountant-General.

Ordered also that the Resolution be published in the Calcutta Gazette.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN.

Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week onding the 18th June 1887.

N	io,	District and d	ate of		Boinfall at Sadder Station in inches.	
BEI	NGA	La Western Dist	trieti			
-	1	Sarawan. Ju Culia Cutwa	use 18,	, '67		Weather—hot and chapty at intervals. Prospects of crops good. Sugares doing wall. Trice of rice 22 to 28 seers per super. Public health good to few custom of fever in the Sudder sub-division.
	2	Hancogungo Hankoora	, 18,	187	1:17	Weather-unsettled and cloudy. Spellings duine watt that on being
DOBUMEN DATE.	*	Beerbrann Rampore Hau	, 18,		1:86 0:76	weather—very meetikel; hat, with frequent storm of rain and mist. Tra- planting of puddy has commenced. 7% will soon be respect; mutto not expected to reach 8 minus of an average crop owing to damage done late showers. Public health excellent.
a l	4	Miannuore	, 18	187	1:45	Weather-sultry. State and prospects of crops excellent.
	Б	Becampur Serampur Johnnabad	,, 19,	2"	1945	Weather-unsettled and stormy, Cross and public health good,
		Howard		٠. ا		Report not receival.
		Cantral Heat	marks.			
	6		91014 U 21,	187	2:33	Weather-hot with necessional rain. Any sowing still continues Prospe
1			10			promising. Public health generally good.
L.F. F. D.	7	Nuddes	,, 18,	10 10 10	3:17 1:33 2:60	Weather-sultry with showers. Prospects of crops fair.
	E		,, 18	'87	1:39	Weather-hat and cloudy with occasional rain. Ploughing continues. P
	0	Jhenidah Magarah Nasail	, 18.		1:51	spects favourable. Public heatth good. Weather—hat, with negational showers. Paddy plants thriving. Prosperand. In Narad rivers are rising massaulty high, and slight injuries to been done to the crops in the lowest part of the blacks. Public has good.
	144	Moorthodalad Lallagh Kandi	n 18	187	202	Weather—very hot, cloudy at intervals. Amen being sown. Jute and sug- came probasing. Public health good.
	u	Jungipur Dinasserate Thakurgaon	, 18	(8.1	8:53 6:82 6:82	Wenthers-cloudy, with some heavy showers and steady light rain. Prospe of hhadoi fair. July damaged by rain and not expected to yield more th 10 arous. Prosper 23 seers per rupes.
	12	Injohanes Nactore Newgong	,, 18,	187	h differen	Weather—hot and cloudy k loads subsiding. Paddy and jute where not jured by floods thriving. In parts fresh sowings taking place. Price of r in Nowgong rison from 25 to 20 sees per rupee. Pulse bouth genera good.
	13	Runga de Guibanda Kurigram	,, 18,	1	13-97 4-70 1-97 12-00	Crops generally doing very well, except where fleeds have bejured them. Head of the district improving.
	Н	Niphamari Rogres Sherpus Nowkhilla	, 18,	'87	8:14 1:14 1:10	Rain on every day except 13th at the Suddar station; very little run during t week; weather at times very close and sultry. Proughing going on a sowing of assum copy has commonced. Heavy runs has done compideral durings to crops. Public health fair. A tow cases of cattle-disease at reported from Khetlel thantach.
	16	- cemigninge	. 18,	187	0.49	Wonther-sultry. Prospects of crops good. General health good.
		Darjueling	18,	'8"	7-33	Rains have evidently commenced. State and prospects of crops fair. Heavy rain throughout the week, generally clearing in the afternoon and comb
	17		, 18	29	12.16	on at night. Too much rain has favoured the growth of weeds. Jute he softered, though in some places of is favouredly reported on. Sugaran doing well. On the whole prospects of all coops are good. Cholora abatisfant, but will present in places.
		Enstern Dist			* 6.3	Weather - hot and cloudy Cultivation of shall and are pully going on. Dame
1	ţa	Deca Jan Manickgunge Maningunge Namingunge	ie 18,	**7	3:04 0:73 1:40 2:83	to paddy crops in parts of the district is introduced owing to rapid that rivers. Public health good.
1	19	Farreedsure	. 16,	187	8/19 1/45	Weather hot and cloudy. Frospects of puddy, jute and other grops very good Public health fair.
1	20	Madariyoro	, 17,	'87		Weather - hot and rainy with occasional high winds. Cultivation of a re-
	3 1	Azmansingh June Janusing Kubar-gangu Nebokona	17,	67	3:55 1:19 3:52 3:45	Rain with strong winds. Rivers falllog. Prospects of crops good.

	No	Dialipot Pot	and di	nte n		Bamfall at Sudder Baccono coepas	Character of the weather, state and prompers of the erons, and state of lies the madery,
u E	MOS	T manufal					
3 13 E	200	L.—contd.	. 1 . 4	400	4.1		,
	, 20	Eastern Dist		-eon -21,		5:80	Wenther seasonable. Transplantation goes no. Extraordinary high tide of t
Oll S.	83	Nakholiv Fenny	**	17	p.n.	2:05 8:63	end of May dumaged some count touck in Cax's Bazne. Prices stations. Coolers still reserved; public health otherwise good. Wenther—scanonable. Prespects of crops fair. Public health much i proved.
nur.	24	Copporati	r	16,	187	2:06	Weather-most seasonable, rain falling almost every day. Prospects in every respect good. Very little sickness.
DAL TARTAND	MI.	Cintingong Hi Tracts.	11 p	14,	187	6:11	Wather—cloudy, with occasional simpline throughout the week. Sowing jooms nearly completed. Lands are being ploughed for late rice. Gene health good.
		ИШ Терревы	4+	15	,.	0:77	Weather-cloudy and tainy. Prospects of any paidy good. Sugarcane doi well. Juon cultivation nearly over. Public health good.
1181	RAE						,
	26	l'artin.	danc	- 18,	K7.	11-10	Weather - hot with occasional showers. Bladoi sawings going on Preparation one being made for paddy sowings. Sugarente promisite. Cholera at provading in the Barh and Behar sub-divisions; otherwise public heal
	27	l by.		15	e.	198	wenther—hot. Bhadoi being sown. Cholese, fever and small-pox report from all the sub-divisions.
	2%	Shebphini Burar Snesetato	**	18	4+	2145 2128 2128	Weather—cloudy and fair alternately. Blader sawing in progress. Fiel heing prepared for paddy. Spondin cases of cholers in the interior of thintriet; public health otherwise fair. Prices stationary.
{	SD	Penerbharing di) t	18		4.11	Wenther—opensionally cloudy. Prospects of ourly rice continue satisfactor thinduces sowings a progress. Indigo looks very promising. Prices risis slightly. Unders reported from the Madhubani and Tajpur autodivisions.
	811	Maritagia	**	14,	167	5:78 1:50	Wearner - variable, being rainy and hat alternately. Sowings of bhadoi a variously in progress. Standing crops are in good condition, and prospecture excellent. Choloro cases have decreased, but not completely disappeared public health otherwise good.
	8+	peter 44.1"		18	2)	0.31	Weather-damp and sultry. Agricultural operations in full swing. Chole still reported."
	32	Gigaskyttigo Verrous on n Bettino		15	10	0:36 1:77 1:25	Weather-very lot, after cloudy. Rainfall of the week has benefited the standing crops, and pushed the progress of bhadol sowings. Prices stationar Cholere provails in all parts of the district, but is abuting.
1	34	Moogave Begiserai Jamin Bangulaore Banka Saapole	Funn .	18,	797	1:63 0:70 1:51 2:68 1:32 4:79	Wenther-very hot and close, with occasional clouds and rain. Prospects crops centime good. Sowings of bhadot and winter rice in progress. Challers still prevails in the district, but somewhat abated in places. Roins have set in now. Sowing in full swing and transplanting begut Moong crop in the north poor, and maga crop everywhere an atter failur Indigo prospects going off a little. Cholera fast abuting.
1	86	Mudobporm Parecest Kielenguta Arrecosh	11	18	***	2:98 4:24 4:50 3:60	Weather-cloudy, with heavy showers; latterly bright. With exception of indiannal to some extent jule, no crop appears to have suffered from the leave rain.
	26	Meldah Charchul Shibgunge		18,	'87'	2:74 0:58 3:57	Weather—hot and sultry: fine and cloudy alternately with occasional shower Baro harvest is now over in most places; cutturn good. Blades crops to thriving, and are being would. Winter paddy is being sown. Price of common rice 22 seers per rupes. Public health good.
1	37	Sential Perso Drophir (Edda Juntura Bajmelid Pakoar	* * **	18		1:29 1:87 0:47 1:29 1:93 2:08	Weather—south and east winds, cloudy with organizational showers. Rice sowing and plaughing for indian-corn is proceeding. Sugarosus g and. Public healt fair.
t H	386						
1		Outswes,	June	17,	187	1.99	Weather—still unsettled; cloudy with showers of rain occasionally. Rico danie are growing well. Sowing of rice still going on in many places. Cammo rice sells at 18½ seem per rupes in town. Public health governly gost Cholera and cattle-disease reported from some parts of the Kendespare sub-division.
1	84	Kacards		16	#1 #1.4	1·10 2·0	Weather—stormy. Sawing of sared crop is still going on. Common rice is seen per ruper in the Sudder sub-devision and 22 seers 11 chitracks in the Khoorda sub-division. A few cases of cholera reported from the town.
1	40	Maraphia	1)	17		2.16	Weather - hot and cloudy with occasional showers. Ploughing and sowing a rice going on vigorously; plants coming up in places. Miscellaneous crop doing well. Public health generally good.

SUPPLIENT TO THE CALCULTA GAZETTE, JUNE 22, 1887.

Nus	District at	nd dut	e of	17	Reinfall et Sudder Statenn in inches,	Character of the weather, state and prospects of the crops, and state of health at date.
CHOTA	REGROEF	-				
April 16	B'ast Frontier	Agun	ip.			
41	Hazerinagh.	June	17,	*87	0.80	Weather-very unsettled. Monagen seems to have burst. Sowings of all rainy season grops in progress. Sugarcane doing well. General health good.
42	Labridogga Palamow	ы	18	**	1:74 0:10	Weather—sensonable, itain throughout the district. Ploughing and sowing going on. No change in prices. Cholera and amali-pox reported from Palamow; otherwise public health good.
49	Singhhoom	1)	17	21	0:75	Showers with thundors torms during week; too heavy rain; temperature lower. Prospects good. Agricultural operations in full swing. Public booth good.
44	a'arbniosa Govindput		18	38	1:42 0:60	Weather—cloudy with occasional showers. Paddy being sown, sugarcane and indigo growing well. Prospects good. Public health on the whole good. Speradic cholers in pergunnal Patkum.

Published for general information.

CALCUTTA, REVENUE DIPT.; The 21st June 1887. P. NOLAN. Secy, to the Gont, of Hennal.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

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8	Beerbienem	18	19	18	12	311	0	***			. 11	0	18	0	10	0	9.5	0	24	0	18	D		.,,	P 6.0
4	Miduapore	16	0	17	В	8 8	0	4.8+			. 11	0	00	D	10	0	24	0	195	D	20	D	191.	++-	
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91	Dynamically ***	18	4	1.1	D	13	ų.		489		i	6	12	Ö	13	6	10	13	10	4	TO	Û		*11	191

A Li sub-divisions ratail prices of salt per cupes were:—Calma 12 acers, Cutwa 15 seers, and Manengungs 185 seers.

B in Subhappers and-division retail price of salt 12 evers per rupes.

In Subhappers And sub-division retail price of salt 13 avers per rupes.

In I shandhad ath-division ratail price of salt 13 avers per rupes.

D1 In sub-divisions ratail prices of salt per rupes were:—Baracet 12 seers, Ubstrail 14 seers, and Contai 125 seers.

D2 In sub-divisions retail prices of salt per rupes were:—Baracet 12 seers, Ubstrail 14 seers, Distinguish Subhappers 12 seers, Entrackport 12 seers, and Distrail 11 seers, and Ubstrail 11 seers, and Managhat 10 seers.

B in sub-divisions retail prices of salt per rupes were:—Kooslites and Maherport 12 seers, Choosladaga 114 seers, and Managhat 10 seers.

F In Satkhira and Hagichat sub-divisions retail price of salt 11 seers per rupes.

B is and distrail prices of salt per tupes were:—Lalendy 12 seers, Managhat 104 seers, and Bongong 12 seers.

In sub-divisions retail prices of salt per tupes were:—Lalendy 12 seers, Managhat 104 seers.

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Districts of Bengal during the Fortnight ending the 15th June 1887.

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BENGAL Western Districts.

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In Nation and Nowigous sub-divisions retail price of salt 12 vers per rapec.

In acb-divisions retail price of salt per rapes were to tails and all secres and Kurigram 13 secre.

L is Sersiguage sub-division retail price of salt 10 secres per rapec.

M at Engust retail price of salt 10 secres per rapec.

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PRICES. CURBENT (retail) of Food-grains, Firewood and Salt in the

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Calchera, The 21st June 1887.

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2. In authorities retain prices of each per rispec were:— Herbitanium of the authorities retain prices of each per rispec were:— And price 12 seems and Anadomb of the sours.

3. In subsdivinous retain prices of each per rispec were:— Devian 12 seems and contain rises 1 seems.

4. In subsdivinous retain prices of each per rispec were:— Devian 11; seems and copalguage 11. Cours.

5. In Subsdivinous retain prices of each per rispec were:— Devian 11; seems and copalguage 11. Cours.

5. In Subsdivinous retain prices of each per rispec were:— Devian 11; seems and copalguage 11.

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WIDEBALK PICES

Districts of Bengal during the Fortnight ending 15th June 1887-(Concluded)

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A NAGPORE, on Prosters' age	dar	Ψ'n	14-1	ion	â									ø.															
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to automissions relaid prices of said our effices were: - Kissengunge 10 actes and Arbitecht (*t Rancegunge) 11; seers, in mahainvisions retail prices of said per cupen were: - Desginer, Parour, and Engagenal 12 seers and couldn't seers, lo Kinorda rubedissions retail price of said 14 seers per ruper.

In Engances: up-dissipate rused price of said by more per ruper.

In Civili actes on (at Kharaballa) retail price of said 12 seers per ruper.

In Civili actes of said said and said active per ruper.

PRICES-OURBENT (wholesale) of Food-grains, Firewood, and Salt in

						1773	ERA	T.				'			BAI	MATE:	Ε.			1		1	H 10	n, m	HŮZ	801	hTv.					, Ro	IOH.	001	E ME o	ut,
- 100	MART	3.		Present return.			Neat probeding returb.			Corresponding return	of that year.		Present refure.			Next preceding return.		Contemporation office	of last year.			Property results.			Next preceding return.			of last year.			Present petura.	•	4	Next preceding return.		
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CALGUTTA,
The 21st June 1887.

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Jours (Surge	OR CE	iolum. Igaro)	(Penn	oz Ci kęcium i doum.)	DENU Sphei-
Propert retains.	Nash premeding return.	Corresponding return of bet year.	Proent refero.	Reat proceeding return,	Corresponding return of last year.
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OF 40 SEERS

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Promit retire.	Next preceding return.	Corresponding return of his yett.	Pressal return.	Next preceding return	Ober suppositing seturn
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undermentioned Marts of Bengal during the Fortnight ending 15th June 1897.

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	Present return.					Cont broading return.			P. manager and Street and Street	of line roac				Present satura.				Man preceding return.			Corresponding return	of last year,			Process return.			2	This is become the term			Corresponding return	of letter June 1.		Present rature				Note preceding seturn,			Carresponding return	1100 7 40		Present Patrice				Next preceding return.			Corresponding retain	and the same	MARTS.
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Published for general information.

P. NOLAN, Secy. to the Gaut. of Bengal.

Meteorological Report of the Province of Benge

mentages personal interpretation of the second second

1									8	TATION OF	BBERY.	ATIONS.					
				An	PRESET	ER.	WIE	ъ.				TROUBER	ATURE,				_
DI	eveige.	8	depresentative station.	Mean hammeirle beight, 10 A.M.	Mean reduced to sea-level.	Variation from themb.	Prevaling direc-	Mean wind rele-	Highest during week,	Date.	Lowest during study.	Dado.	Mean puartishan temperature.	Mean minimum temperature of week.	Menn daily ten- perature of work.	Variation from nutrual most	
		31	3opalpore	\$11*406	\$9,248	~- '0s4	Wes	446'0	55.5	11th June	10 18	18th June	87:0	61.9	84-1	-0%	-
Poores	8.00		Paler Point	2B 647	22°60a	038	sw	4117	##'5	17th	77:1	18th	89.0	70.7	81'7	-1%	
Outtuck	177	(nituek	291476	29,020	035	Vucintile	216	97:9	11th	76:8	13th at	9412	78.7	80'5	-1'6	!
Balasore	864	1	Belasore	20.905	201501	039	88W	303:0	8414	17th n	70.7	14th ,,	51.2	76*6	8811	+01	1
	est Midnepo	10)							a male			1111 1041					i
	Pergunnahu	710	ianger Island	\$0.082	20.039	021	Southerty	429	95'7	11th	80'5	13th, 19th, 13th June.	85.0	BJrp	87'0	+ 079	ļ
Midnapo	THE 411	B	Midnaporo	20-429	20.579	007	Variable	165 7	9718	1715	77'3	140h ,.	99*8	79-8	\$5*8	0%	
24-Pergu	··· infagn																
Howrab	444	}	Salounta	201-560	#D'6SL	+,001	ESE, SW	189	B3.2	17171	7712	iath, 14th June,	80-1	76'5	88.0	-1:3	
Hooghly	417)										and and					
Burdwat	3		Burdwan	201484	20.283	003	Southerly	105	00.1	1414	78*4	11th, 18th, 18th June.	941	79*2	88'7	+0.4	i
Bankoon		" 1	Hankoora .	20,520	_	-	South.	56.3	951	11th .	7016	15th .,	807	78'6	54.2		
Beerbhoo		1	Bancorungu.,	201142	-	(00)	10000	140'8	80.7	11th .	7713	34th a	91.2	78-8	T-88	-317	ì
1	II or to be a second	1	Berhamporo	1111293	29'510	_*005	SHW	151'8	9417	19th	77'3	18th	2,14	78'6	84'8		
Moorahoo			Krinhmaghur	22178-63	20 010	- 600	Routherly	149/2	P6'8	12th	77:7	11th, 18th,	90'7	78'3	84'6	-1.1	
Nudden	W+h)						740.2			,,,,	14th, 15th	40.	10.0	DE 0	-	
Jessero Khoolus			Icasore	19'574	961402	-wed	Southerly	1867	9317	17th o	70°P	11th	90.0	781	8413	-11	
Chittago		1	Chittagong	29-587	29:677	-001	SE	104	9212	12th a	77-4	14th, Jorb	87.0	77'5	62-6	+1"1	
	ng Hill Trac	ts 1	Demaxiri					Observe	utions m	ot received.		June				1	
Backerg			Bartmal	10:611	591024	-*016	В	1504	91"8	17th June	77:8	a9th ,	80-4	7916	64.0		ı
Neakhol		3	Neakholly	20.003	201001	-	SE	00.0	0.40	12th	74.3	L7th	66.9	77.9	8812	_ '	
Furred		1	Purreedpore	264570	-	'030	8E	155.0	8915	111b	9419	17th	8, 7	7813	8±17	+89	
İ		į.		210.501	50.055	+ 003	22 D 80 W	201	921	2015	52.5	17th	DA-4	70.0			
Tindon	4.14		Darca	55.800	20011	0	88E, 88W	161	93.3	1201	76.7		DO-1	79.8	84.4	+21	
Commili			Commutation	29*897	-	0	SE	125'6 108'6	8.1.8	Lith ,,	72'8	17th 11	89*1	75-0	32.0	48,0	
Myment	ogh	3	Mynioppingh			"	5/ 1/2	1414-0	94 0	13111 11	70.0	19111 11	89.3	78'0	89.0	4 910	1
Boggs	F11	11. E	Bogerit.	491621	\$9.9H2	-	SE	1154	91/8	121h, 131h June.	7618	17th	M9"4	78-9	Rank	_	
Pubna	***	29	ierajęunge	10,150	\$5.600	432	SSE	120%	คาเช	t2th ii	77.6	17th	8919	78'0	86'3	+119	l
Rajuhah	ju	B	tampore Beats	m.ej2	291590	001	MIS.	11007	92*3	11th	7418	18835 11	00.7	77'0	80,13	0	i
Maldah	1-41	*** 3	Maidah	50,412	_	-	BE	99,45	(93)	June.	77:3	10111	0.10	7913	85.2	-ma	
Dinagepe	3E0 ===	1	Dinagepter	291475	\$0.509	**********	58E	9114	1/311	11th	741	10th ,,	90"()	77.9	8410	+1%	
Rungpor		E	Rungpore	201506	201630	0	Calm	103.6	9:1:3	18th n	73:7	luth "	8912	77'8	83.3	+13	1
Jacquiston	58 41			26-341	(MUNICIPAL)	1022	W. F.	7 1 4 4 4 4 4	85.0	7 1 4 7 7 7 1 1 1		21115					1
Canch Br	shar	5	iulpigoree	70 447	50.631	- 1022	NE	Listera	97.0	11th, I'th	70'8	1114	86 0	73'8	79.0	-18	
Durjeeltp	g Hill Distr	iota I	Descripting	57.804	-	1010	Variable	48.0	6816	11th	841	168h ,,	63.8	65%	897	+0.3	-
Purnouh	***	} .	Parmet	201470	19.094	463019	Calm, 8E	20.5	93'2	tith, 18th	78'6	17th o	90.0	7778	83.2	-110	
North B	bagu lpore	. [د-	rarancp		40 884		CBINIT CB	24.6		June,	70 0			1 "	80.0	-1.4	
Morefler	pore]	Mozufferpord					Obvert		uspended.							
Durbhas	gh ···		Dorbhongs	29'494	89'870	+.015	ENE, NE	21/9	9419	11th June	76'0	This .,	3918	7817	867	-it	
Chumpai	rotos		Motiburi	29°336	\$59125(3)	- ,603	SSE	562.6	9518	lith ,,	74'3	inth	80'6	78'0	84/3	-9:1	
Marun	5.09		Shupra	20 357		024	R	40'7	98,0	186h ,,	76'0	tath "	90'8	78'8	877	-97	
		- 11	Jehrag	39.183	20 581	008	88	272'0	97'5	118b 4	7.610	10th ,,	91.8	79'4		-25	
Bhababac	A see		Buxar	20.202	20.080	025	E	230.2	100'4	12th ,,	7418	listh	98*1	79'4	,	-41	
			Armb in	19:156	29.026	-,058	68 Variable	10316	66.9 88.4	lath "	77'8	16th, 17th June.	88-1	79-5	6778		
Gys	b+1		Sankipore	20.874	29'550	028	E	\$9 156	66.0	12th	79'8	18th, 1dth June, 10th, 17th		79'6	87°0	-3:3	
	escolinae)	MUNE POP	av 019	md háu	1/01	44	100	*** U	13th	17.3	Jone.	9\$10	18.0	857		-
Monghyt			Bingulporo	29:396	29" 050	(196	ar:	8279	9014	nup	77'0	isth ,,	93'7	78.8	Harp.	U-6	1
	Programata		lworntes	119'083	_	_	ENE	2016	9410	lith	741.7	1516, 16th	914	78'6	84.0		
Ha merta			Enzuribagh	27 '583	29:336	'002	Variable	826'U	92.5	4141	79'6	16th June.	Bars	76"		-37	
Lohardta			1							,			m2.0		1		
Manhhoo			Hanohee	97'447	20'551	120	Vaciable	1984	9412	tith ,	7114	14th, 16th June.	801	78'0	79.5	-49	
Bingbloo		- 1	Shyebtees	84:781	_	_	Variable .	8817	9914	lith .	70-7	idin	W2'0	76'6	85'4	-	
		(8	Ubangst	20-533	20'064	'012	gW	og .	31610	istb "	70-8	fach' "	89.0	71'5	8.97	+ 0 -7	
4		,{ E	Ohube	201510	\$1-026	+ '026	Variable	176	10.3	114)1, 181h	76'3	loth a	86"9	7816	80.8	170	
Assista	*44 1	777	11.							Jana.	14.4	beauty PI	14.6	19 9	Con Dr	1	

Medianofem.—Summary.—The normal means of air pressure and lemperature are the artematical average of means of the resuling during the same period for the interpretation of the atmosphere is repressed as percentage, saturated as being represented by 199. A some sage is domested by 9 and an overesslessy by 10. The as are the numerical master of average of the randall in that metric determined from the returns, and in by the sub-divisional station for the period in question during the number of stations. A radial gain is one on which at least hundredth as an inch fell.

Means to a days.

		73			1	arti	THIST	~23H712 T6 T	ATIONS,					
	F week.	4.49					R.	ATHPALL.						
	In w	Matin Maria	01	wesk.	Sino	o lat of mo	eith.	Sinc	e 18th May	1897.	Taber (Vi.	aber 175.	Roprosentative station,	District,
Bi 10 A.M.	Average cloud a st 10 A.M. for	Bainfull of week observing stations,	Mean for district.	Normal Diena	Mean for district.	Normal moun,	Variation.	Mean for district.	Normal ment.	Variazion.	Average number of rainy days.	Normal Enterber	•	
78	P.0	1.06	_ [- 1		_	_	_	_	_	_		Gopalporoy	
75	7'0	148		1.81		3184			4789			9.8	False Point	Pooren
650	27	1 '89		270		8.83			5 .78			3.5	Outtank	Cuttack
71	5*8	2166	1.89	1.80	2:16	3-87	-1.21	5:44	00°0	+3'44	410	2.7	Balanora	Balasore
	870	1'47	1186	2.95	170	41940	-8'14	473	7:10	-2.20	5'0	11.3	Saugor Island }	South-West Midnapore
162				0.01	0189	4+4-77	Ded a	atunn	8400	41577.5	41 - 4	A	(South 24-Pergunnaha
67	9.3	1137	1"18	2'31	2.78	4*87	~214	G.68	8*83	-0.51	8-4	8.0	Missapore	Midnaporo
		in made	0.67	2:60	8:81	ā*రేర్	-2'84	0.01	8'27	-2-28	4 8 02	W 10	Unicutta J	24-Pergunnaha
77	714	2720	2.22	2 00	0.01	3 00		11.01	0.51	-2 26	418	3/3	Unicitità	Howmh on an
	nut.	0.94	1.40	2.28	6105	3-07	-2:62	11*44	7:34	+4*30	417	3'2	Burdwan	Burdiene
71	A'9 B'9	1'94	1.68	2.60	#108	6-46	- 3.83	6:12	7:20	-1.17	410	37	Hankoora	Bankoom
75	a w													Boerhlmon
7¢	5'0	1120	1*49	3.08	2166	B*16	- 2.00	P-43	6162	+2'61	* 4.5	841	Ranceguage}	West Burdwan
79	9'3	1*90	3.85	2*50	0.22	4'93	+1'60	15/34	7160	+7.74	5*7	8%	Berhampore	Moorshodabad
77	80	2:11	2.42	2187	4150	6*14	-1.87	10'64	6.49	+1'35	416	375	Koshnaghue	Naddon
"		****	,	3.83	4194	7.22	~ 2.67	6.25	10'97	4" 25	416	415	Jessore (Joison
RO	87	5.99	2'84	9 00	0.141	1 00	- 2 (8	0 14	140,	- * 20	4.0		713010340(Kiloolaa
Si	8.0	3120		8.72		16.84			22.33			6-8	Chittinging	Chittagong in
			i	6130		15.22			2019-0			6.15	Demoglei	Chiffegong Hill Tracta
6d	7'0	1.27	5.67	5'14	¥176	11:32	→6°46	6.43	18-23	—R*83	813	5 (1	Barrisal	Hackstrange
70	4'0	8.91		6.99	1	17'18			2011日	1		544	Noukholly	Nonkholly
N1	3:1	9.19	1.61	\$150 '	7'30	7150	0.70	8.02	12.08	-3*43	817	4/6	Firewadpore	Furresdpore
H8 ;	7:1	3 66	2.69	4,00	5'87	7181	-194	7 19	13-96	-4.48	8-B	4/6	Daces	Daces
78	7'3	8/34		3,21		70.04			15*26		i	#10	Commillah	Tipperan
28	01'05	6'16		4177		10004			14*62			4%	Mymomorph	Nymensingh
	***			5.01		ĵ'01		1	11.80		S-8	g·g	Hogra	Bogra
6/2	0.0	8'47	0.70	8-10	8103	8166	4·1°96	17:40	10*89	+0167	4'5	42	Samigunge	Pubna
70	nai :	0.84	0 10	9:72	D 0-	8'03	-0.19	14.79	B*70	4-7-10		83	Rampore Beauteal	
29	34	274	2-58	3.30	8120	5'48	-0.94	20:78	7:79	+ 140 '38	9.0	87	Muldah	Maldah
77	4%	219						į	****		1.0	n.e	T1'	Pinagepore
64	0.4	0.77	4:67	4103	6.10	7'27	+ 0'98	31'79	10'37	+1010	5.3	9.7	Dinagopore	Rengram
87	67	13 89	11188	0.04	18.01	11.61	4 2 14	25.52	16*60	+7145	P 4	4'4	Mungrpore	Parlamin
941	82	11'47	14'15	7 mar	18:47	10-36	-116	27*84	24.98	+8'51	0.5	2.9	Julpigeree}	Cooch Buliser at
				7:17		18'62			10'83		7.0	6.9	Darjeeling	Barjorling Hill Districts
311	25.	6.99	5.40	'' "	12'46	## DA			pp					Purnealt
TL	5'7	6/20		8.77		5144			7'67			9.8	Purnealı	North Bhagulpore
			5169	2163	B*660	8:49	+2'64	12'51	6167	+8-04	27	2:3	Mozufferpore	МакиПогрого
39	617	4'11	4-88	8:03	470	B104	+1'26	10'63	4164	+6'00	2'3	9 *5	Darbhunga	Durbhunga
13	8.6	1'46	1783	2-24	8.01	2145	-0.48	5*84	477	40'45	8:0	2'4	MotDust	(There are not taken
76	8.8	1/39	1.09	2'65	1:07	8:01	-1.01	6.01	3'45	+7.28	E-2	274	Ohupra	Satus
84	417	4.87											Dahroe	
60	5-7	2.46	8:20	128	3.50	178	+0148	8*\$t1	8.18	+ 6'03	第.9	3.8	Buxar	
28	6%	2145											Arruh	4 6 mm
154	616	84.0	1'58	1.80	2:11	9.37	-0.522	7.40	5'49	+3'91	X.9	812	Glyn	About to
H	7'9	10		3.10		S (1)			3.49			2.3	Bankipore	Bouth Blaguipore
73	3-9	2.68	1'68	3.00	8,14	2190	-0 70	9:53	4:18	4 5135	973	57	Blagulpero	
		1							4404	+7'62	417	3.2	Dounties .	Southal Pargunnals
78	6'6	0.77	1		3.05	6140	246	13'76	6°\$4	+ 1 DX	47	3.5		Hazaribagh
20	l tra	0.73		7.61		4-70			2.20			0.0	1	Partitudie
79	8%	1774		116		2.03	9		4/81			33	Renobes	Manbhoom
60	944			ALD!	4.51	\$184	- 9117	10%	6,06	+4'18	40	4.3	Ohyebassa	. Singbhoom
80	7'6	0.76			0.65		-3.11	10.34II	escala.			, poten	Sibiogar)
1.0	3.7	9 1-34 p-00		0 + 1 100		*17			407414			144411	Dimbo*	A constant
77		9:04 4:11				pat			191414			(14-14	Bilobsr	j

The corresponding are negative when the mean for the week is less than the corresponding normal mean, and positive when greater, of rainful, the portial mean as along cloud amount represents the part of the sax overed, the wholesky being denoted by 10. Under the head "Basines observations of rainful, the sub-division out.

The normal observations are negative when the part of the sax overed, the wholesky being denoted by 10. Under the head "Basines observations of rainful, the sub-division of the district, i.e., from the color minfall at the sub-division.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 17th of June 1887.

					R	AINVALL	de .			Tor	AL.				
Mateorological	District.	Station.	ditt	ñ	15th	14th	100	181	171b	days.	8	Total rain. fall since	Average total rain- fall from	Total rain-	Average minfall from [01]
division.	\$1001 LD4	4	Saturday Jilb	Sunday.	Menday.	Tuesday, Jane,	Wednesday,	Thursday, 16th June.	Priday, Jone,	Number rainy da	Rainfall work.	May.	lat of May.	15th May 1897,	May to date.
OBSERV OF	Pourëe	Pooree Khurdab Banpur False Paint Hop	0142 0111 0154 0110	0°90 0°78 0°71 0°75 0°42	0.16 0.18 0.18	0:52 0:14	o os	**************************************	######################################	4 5	1 '06 1 '67 1 '61 0 '68	1'11 9'03 1'57 1'15	2:20 3:71 3:91 2:81	3:89 3:89 6:81	4'40' 5'89 4'65
	Quitank	Jagataingpore Banki Cutlack Kendrapara Japare Phormeolia Satspare	0.48 0.40 0.40 0.43	0.80 0.80 0.00 0.80	0°85	0°20 : 0°20 0°20 0°07	and	0-19	444487	8	0.24	0:07 1:14	8:33 3:67 5:00 6:11 3:20	4'95	6'86 5'89 7'4) 5'4, 6'31
	Balaacre	Chundrali Bhuddrack Sorah Ballasore Baripodah	010	1'n5 1'14 0'13	0:30 0:84 0:23 0:87	0.54 0.13 0.03	E141-41	0.85	0*14	\$	0'76	0.89	8:74 5:05 9:01 5:59 6:07 P:27	1.80	5149 5137 5163 5163 5164 5170
dough-Wart Breeze	Midnapore	Centai Sauger Island Tanicek Midrupers Glattai Hency Heria Magwampurs Garbets	0.50	040 030 1700 822 022 038	0.00 0.31 0.10 0.64 0.39 0.05 0.05	0°88 0°25 0°20 0°30 0°18 0°16 0°65 0°40 0°50	0°07 0°04 0°33 0°16 0°17	######################################	######################################	5028866489	1'74 1'67 1'90 1'40 0'79 0'87 1'88 1'10	1'74 1'47 2'80 2'80 5'01 1'05 1'05 1'16 1'16	6715 6725 478 572 P	6.88 6.21 6.10 6.00 6.47 4.18 6.17 8.46 6.67	6 TH T (4) 6 TH (4) 7
+.	24-Porgunnahe	Diamond Har- bour Casning Town Abpore Juli - Barrackpore Dum-Dum Haraset Bassarhat	025 004	0:51 0:26 0:74 0:37	6°93 0°43 0°40 0°40 0°51 0°81 0°55	0.82 0.23 0.18 0.28 0.10 0.10	0.40 0.31 0.30 0.40 0.40 0.40	0.18	0°16 0°26 0°71 0°98	5 6 6 6	1:48 1:91 2:28 2:78 2:73 1:85 4:34	2 00 2:30 3 09 2:78 3:44 1:68 4:64	6.83 f 8.89 6.40 6.80 6.76 6.33	8:04 4:74 8:10 0:62 5:80 4:54 7:37	6:8) 8:34 8:50 8:50 14:12
	Howrsh	Howrah Mohesreka (Gotobericah.)		0.87 0.48	0°45 0°42	0°14 0°27	0'61	44	0.28	5	1 \d3 1 \d0	5.53	5'69 4'99	4°56 2°23	7791 7790
	Booghly	Serumpore Hooghly Jelmunhad	844 1 P P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0°12 0°26 0°48	0.14	0:42 0:31 0:40	0.32 0.32	1'86	0.28 0.28	5 6 8	8/98 6/66 0/01	2/30 7:57 8:04	5°07 4'95 4'88	4:57 9:50 7:83	8140 7101 7140
	Bardwan	Culua Survivan Cutwa Rancegungo Mosber	441 b84 - 22 bpp	0°25 0°41 1°80	0°02 0°17 0°28 0°10 0°10	0°11 0°27	0°12 0°12	0.02 0.02 0.03	0.59 0.10 0.40	6 5 8 3	0.44 0.82 2.77 1.20 0.86	1'08 1'14 6'83 2'47 1'07	5.67 5.63 5.69 5.77	6+3 8:74 18:77 7:76 4:68	7:23 0:14 6:27 5:26
4	Bankoora	Rankoora Binhengure Maliata Khatra Indua Kotalpotu Anda Gangajalghati Kaspore	1 1 + + + + + + + + + + + + + + + + +	0'20 0'20 0'50	0.48 0.48 1.10 0.49 0.41 0.40 0.80	0.40 0.64 0.34 0.08 0.08 0.13 0.04 0.21 0.21	0°10 0°16 0°20 0°25	0.40 0.10 0.10 0.08 0.08	0°41	4444508483	1:00 1:77 2:13 0:86 1:39 0:87 0:70 0:12 1:31	9:70 9:21 5:22 2:24 1:60 1:67 1:60 0:96 0:74	4°96 C 3u 5°02 5°53	012 1 1/46 6 63 4 13 6 4 13 7 4 18 8 4 18 8 6 13 0 6 13 8 6 18 8	7 OF 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Beerbhoom	Bh. Scory Hotempore Rampero Haut Belport	**************************************	0:31 0:22 0:41 9:41	18.0 88.0 88.0	0°14 U°18 U°17	0.02	0.00 0.00	0°18 0°94 0°51 0°91	5 6 6	1'30 1'58 1'48 2'15	1.08 1.05 4.18	4*04 0*83 5*40	10°75 7°14 12'05 6'74	8197 7198 4194 2
	Nuddes	Ranghat Kushnachur Chocadanga Melicriure Kocahtoa		0.03 0.18	0°25 0°31 1°84 0°62 1°03	0'20 0'85 0'15 0'17 0'04	0°38 0°48 0°78	80°0 00°0 88°0	0.78 0.58	8 6	1:33 2:31 1:33 3:51	3:40 5:47 8:00 2:55 6:60	6*10 5*10 5*07 6*16 7*95	7:06 12:00 0:30 18:33 18:644	9 % 7 % 3 m 5 6 % 23 m
	Khoolna ,.	Satkhira Bagirhat Khoolna	418884	0:87	0°87 1°57 3°93	60.0 60.1 60.1	0°27 0°05 0°16	0.03	0.00	-1 - 6 6 7 - 7	\$108 \$168 \$168	9:86 5:13 2:14	6.84 6.13 8.84	8:30 0:69 8:67	11'8 11'8 10'1
	Jemoro	Narali Josane Junidah Magnorah Tongong	\$10 144 4 174 1 4 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0°88 1°58 0°63 0°65 0°44	0:48 1:80 0:18 0:44 0:98	0.19 0.12 0.08	0°83 0°50 0°98 0 \$0 0°90	0.04	0°51 0°43	8 8 8	\$109 2109 2109 2109	2186 6193 4128 0192	- 7:68 6:37 # 8:76 7:47 6:33	3.61 6.39 6.34 8.34	107 118 128 118 9 W
•	Moorshedabad	Kandi Berhampore Laitagh Anngunge Jungpore Laigeia Akbrigani Patabari	0'81	0°70 0°38 0°48 0°40 0°28 0°30 0°81	0°10 0°10 0°18 0°15 0°15 0°83	0°89 0°89 0°84 0°84 0°75 0°75	0 09 0 39 0 39 0 50 1 50 0 40	1'06 1'88 1'11 1'01 3'80	0 792 0 783 0 763 0 766 0 748 0 760 1 725 0 780	45007855	3'74 2'02 2'76 3'53 3'76 7'23 5'74	675 5782 6704 5725 5747 6783 4795	8-85 6-54 4-76 5-00 5-00 6-00 F	19*73 12*35 13*73 14*07 17*45 22*46 14*03 0*64	7 55 6 78 7 70 7 10 8 12 9
BARR BARRAL	Chiftsgory	One's Banar Chittagong Katubdia satkangs	0.11	0.10 0.10	0°88 0°84 0°88	0°97 0°94 0°39	6'P4 1'48	1'81	1'48	8	5.70	15'83	18'67 15'00 †	16:10	24'6 Wa'11 F
	Chittagong Hill Tracts.	Rangamati	0°27 1°18	0:89	0.72	1,10	070	1.41	0.91	7	9180	10:48	18.43	18:73	1275
	Hackergungo	Patrakhally Parozepore Barrimi Enola	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0'96 (rat 0'30 0'37	0183 0180 0180	0,440 0,440	0.84 0.31 0.86 0.84 0.84	0'61 0'96 0'90 0'06	0167 0110 0160	6 6	16'8 12'6 14'1 16'8	6:74 4:08 4:86 4:85	24°10 8°38 9°10 18°36	7788 9 89 6784 8185	18-77 11-65 11-63

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 17th of June 1887 -contd.

						AINVARI	u++			Ton		i			
steeroingiesi	District.	Hintion,	Tith.	451	1310	144	50	1665	17.1	days.	Jo	Total rain-	Average total rain- tuli from	Total rain-	Average rantali from [51]
division.	17		Saturday, June,	Sunday, Jone,	Munday, June.	Trenday, Jone,	Wotnesday, 13th June.	Philipaley, Jane,	Friday, June.	Number Party da	Rainfall Week.	1st of nearly,	ownth.	18th May 1887.	Hay Do dase
LET BENGAL.		Gonraeddi Bauphal	*11	0:04	0.84	0.73	0%0 1°03	1.4n 0.62	1.60	5	996	4114	P	4100	;
	Nunkhally	Noakholly Benty Hartsbore	0.50	0.25 0.10	0120 0110	0.48	0.40	(1948)					1 k 60 19 75		19-5 20-8
	Farredpore	Rampanj	0.23	0.00	orat.	89.44 0.48	0,92	0:52			P-M-I	0.00	P 7:72	Tourist .	7
	* GFF-0*Put G.;	Goslande	414111	0.35	0.30	110-77	0197 0124	0.14 0.00	2.40	4 3	2.84 2.84 1.48	8706 6 M 7703	4.01 4.05	10:35 7:17 6:42	79.79 79.1- 85.3
-	(Feods 110	Munningunge Dages Narsingunge	010184 1-7-8 948994	0105 0117 0117	0598 0583 1514	0:89 0:31 0:45	0:84 1901 (rs)	0124 0123 0123	0:00 0:32 0:75	11 12 11 11 11 11 11 11	2000 2000 3008	8165 6122 5173	9°70 7-74 7-67	8:01 7:85 7:10	1472 1871 1173
		Jundebnors	-0-1p	11'49 11:20	0.02	0*20	(1.74) 11.45	0.18	0.09	5.7	9.78 9.78	8105	4,11	(1.41)	144°31
	Rup Tippersh	Agartola Comilla Chandpore Restrantaria	******* *** **	0:57 0:31 0:30	0°20 0°03 0°50	0190 0190	0:37 0:76 3:30)	1505 1506 0508	0°53 0°70	(h	8 <u>21</u> 1 01	8106 4134	1010 10100 1121 10107	8169 6163	13:8 16:3 15:0
		Remekandra- pore. Nasirnagar.	0.84	0190	0.40	0126	211d 2360	0.54	D'25	7	t GJ	8.10	ł P	9.04	15 :
		Laksham	1°29 0°31	0'12	0.90	6108 6130 6131	0.46 0.46 0.46	0190 0123 4092 0123	1.51	5	21%d 11(s)	7102 2140	P P	774	1
	Memorrings .	Kishtrosttuse Atia (Pangail)	5.01	0.80	4147	0.51	0119	0°97 2.43	P 00	, M	3419	10:50	12:34 3:74	38/97	17.9
		Mymonomich Jamalnore Netrokona	0.60	0.72	0.13 0.15 0.19	0186 0193 0194	0°77 0°14 1°67	0.38	1100 2311 1101	75	2155 2102 0.74	24/09	1,119d N 40 (25 t	17:31	184 184 143
		Bubornákhally Durgapors Downnganj	******	111111	F67 0°22	0/18 1/83 0/86	0.70	0000 1000 0000	1:22	1	1/9/1 1/9/1	978	i i	125, 161	
OARN BERGAL	Pubna	Pubna Sorajgunge	4+8+4+	77- 81	014n 9105	0.15	0'64	01150 01146	0.43	5	0.354 0.351	1377	67 ⁴ 7983 €1 2541	8197 16158	10.7
	Надта	Sherpore Nowahilla Hogra	*****		0002	190	0104 9149 0183	0°10 0°15	1.000 0.000	4 5	2120 2120 2114	1170g 1440	0188 7143 7.15	17:10 20:02	11 3 12 0 12 E
	Hajohabyo	Panchbibi		0167	0.04	0°09	0.80	0°14 1580	248	4 2	5,14	1970/01	8759 4 40	\$3,01	104
	regionally	Nattore Nacygon Laipore	400188	0.20	6152 6118	0.24	0.22	1:28 1:08	0:40 0:40	5 5	0.70	4 185 7 (80 1 (80	5:77 9	11/89 10/48 7/04 14/04	1 10 ± 10 ± 10 ± 10 ± 10 ± 10 ± 10 ± 10 ±
	Mafdati	Maldah Chanchal	10000	40+181	0140	1.80	0100	2.20	0.30	\$ (2.74 2.74	7:07 6 3) 8:78	6189 6150	36567 11 562	7:8 8:7
		Gaint	0125	*1914)	4119 0180 0140	0.10 0.10 0.30	0°40 0°40	(1985) 12 (1981) 12 (1981)	0794	4 6	8/75	£-42	4 h	13.00	į.
	Онведирого .	Mohadebpore Chiramon Raigunge	4-1-7-4 8-7-11	******	0°65 0°27 0°44	1:30 0:61 3:71	1125 1124 1146	1 12	0:40 0:19 0:18	6 6 6	3107 3157 5177	4123 4190 4138	2 14 6,44 8,21	\$7.70 15.10 27.71 27.44	11.4 8.9
		Halooskyre		0.01	0.45	0.80	0.12	4170 1163	0.58 0.02	7 6	7 27 3 15	8.76 8.44	5°05	21:41	323 SF 4
	Managepore .	(Gyabanda), Rungpora	0.48	HP141	(f* [f5 (j*05	5.14	9:14 8:03	0.84 0.42	0:53 0:13	5 0	6587 14707 15701	18:44 17:47 21:00	0:41 10:42 13:30	25 03 80 24 29 80	14'6 17'0 2: 2
		Buctogra (Nilphamari), Uliphamari),	0.37	0'47	0.84	0.80	1.50 1.50	7:78 4:13	0°85 2 15 0°94	ß fr	7:02	\$0.32 \$6.90	12'54	66.FIII	150 mg
	suipikores	Julpigoree	1.15	0.83	0.0g 0.0g	1.42	4'67 10:40	1°65 8°87	3120 1300	Ġ d	1244	3.510gb 201264	1593	3311.6 60189	22 W
	Hough Behar.	Pallacotta Dobloganj Dintimuta	0'80 0'17	טלים	0:00 0:05 1:48	5148 1196 096	8'64 8'80 4'99	1155 315 0750	0.36 1.00 0.85	7 fl tl	13:91 9:57 14:03	12.81 12.81	17:20 20 05	%2.74 27.24 01.71 42.90	97.103 197.103 197.103
		Mickingunge	0.02	0.08	0.07 0.02 0.00	2'U3 2'17 8'83	3:19 3:19 8:37	9.61 1.42 2.40	0197 0197 0148	7 8	21 153 11 59 12 76	80%7 1 12364 1750	77,22 77,85	27:70 2:10	27.27 表生106
	Bill,	Bura Silbauer er Imergaellug er	0:44	1'12 0'42 0'10	0'42 0'63 1'48	1700 0'55 1'82	9,68 9,68	170 100 040	0003 4015 0167	7 7 7	10:81 13:00 10:00	15*10 19*72 8*20	2110 1240 1103 213	* 80 09 * 8 0 27 25 70 15 10	36'6) 10'8) 15'4)
Contra Barran	Purmas	Kayampong	0.158	0.13	1-65	0 77	1.32	0:47	0'81	7 5	4'67	6.88 2.88	774	23:90	11100 #180
	.,,	Puritosh	1 515180 0-1157 7-1158	044:04 	0.80	0.10 0.10 2.46	7.70 7.87 0.19	1104 1130	2 m 1 d 1	* 8	4°24 5°00	8'0g -	5 D.G.	29 147	0.11.0
		Balarempore Mattari Kalinganj	417101	. #14121 #14221	0.10 98.0	1.40	2.85 6.03 3.45	1.07 0.00 1.50	.,	* 5	5 02 5 83 5 45 2 08	0185 018 5187	2.87	16 19 16 19 10 00	B1G1
	North Bhagal-	Budakpore Budakpore Protabgand	44 P = 41 - 42 - 42 - 42 - 42 - 42 - 42 - 42 -	47 11 1 70 4 1 1 -	0°39 0°12 0°10	9,41 0,29 0,39	1°95 4'44 8'90	0.90 0.90	8 89 10P	:	5°59 7'69	9,19 4),16	#137 2	72.89 73.89	0°15
	Purbhanga	Tajpore Durbnungs Mathubani	311-41	######################################	+1 ** **	0*50	1°10 3°47 4°Et	1158 0184 0180	048 FFF F1F688	2 2 3 3	8/18 4/11 4/71	8/16 5/16 6/16	2.47 2.47	3056 3031 3158 104	4:07 4:07 5:31
		Makera	94- 4- 944-4 894-4	10044	0.04 0.01	0.40	0,90	0.60	******		9:61 1:113	5:01 1:35 9:76	2'04	19104	5:95
	4 senferpore	Mosufierpore iinjapore	*******	444944	191100	1.00	1.18	7:40 E:01 0:38	6 + 0 + 1 P P	8 5	8:78 1:(8)	6.70 1.73	#103	12:15 12:15	8.65
		Para Mahua	000000 071701 271701	dinter attent	464 + 1 464 + 1	*******	1.00 1.80 2.41	9:30 1:00	*****	2	6'10 5'71	4180 4140	B(20)	8:78 - 6111 6514	7 7 4754
	- Igote parks	Housest Rettich	parts	0.23	77 E 1 P4	61.0	0.42 0.63	1:08 0:17 4:48	9 09 0 1 P	3	1 77 1 24 0 21	10.12 6.83 9.10	3.09	4'88 . 11'17 4 28	440
	•	Jurkarno	899101	84 A C C C C C C C C C C C C C C C C C C	414188	0.42	4745	0.07	112311	3	1"07	5.01			

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 17th of June 1887—seald.

					Ra	LINFALL			ĺ	Tor	A li				
Met-dralogical Division.	District,	Wandibur.	Saunday, 11th	June.	Jone.	fuenday, 19th	the desired in 15th June.	June June.	Priday, 17th June.	Number of recoy days.	Rainfall of week.	Total rain- tall since int of month.	Average total raiti- fall from lat of month,	Total ento- full since lock May 1867.	Average spirital from 181 May To date
North Break	Savab -	Gopulgunge	rs 11-12		11713	hilvi	028	0.19	7 at h11	# 2	0.998 0.404	0 97 1 98	271 289	3'45 4'74	89
-constuded.		Sewnu co Chuyenh		14-617		9704	11988	0.330	1 1 1 1 1 1	3 3	2.45	3:42	1,43	9-62 8-14	21
SOURS BRUAR	Shahabad	Buxus	154111	18111	P#*P14	0.45	4110	0.78	1941	0	6197	6197 1170	1 456	10°06 4°83	
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Explanation.—indicates time on rain one called. If the return for any day has not been received, the corresponding spaces in the total radiated uniques ar left blank.

GALCUTTA, the 14th June 1887.

SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVA-TIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE 17th OF JUNE 1887.

Ar the close of the previous week a rather feeble cyclonic storm had formed in the northern half of the Bay, which was accompanied by a very well marked cyclonic circulation of winds. On the 10th the centre of the storm was probably to the west of the centre of the Bay, and apparently opposite the coast between Gopalpur and Vizagapatam. By the indraught towards this storm the progress of the monoson winds over Bengal was checked, and rainfall at this time over the province was scanty. On Saturday, the 11th, there was a decidedly rapid fail of pressure at the west coast stations of the Bay in the neighbourhood of the storm, and at the same time wind velocities at Diamond Island and in the north of the Bay increased very decidedly, showing that the storm was gradually and rather considerably intensifying. Similar conditions prevailed on the Sunday: pressure fell again at the coast stations and became very low, and wind velocities increased in the rear of the storm, and at Diamond Island blew very strongly, and it is probable that on this day the storm was of considerable strength, and weather over the northern part of the Bay was squally, if not stormy. The storm was also drifting slowly in a westerly direction. It was thought desirable on this day to warn the ships proceeding down the River Blooghly of the existence of the storm, and on the afternoon signal No. 5 was hoisted, which signified the existence of a small cyclonic storm in the Bay, the centre of which would probably cross the coast to the south of False Point. On Monday, at 10 A.M., the centre of the storm was almost over the coast about midway between Gopal-Vizagapatam. During the Sunday night pressure at Gopulpur was about 29 3". showing that the storm was one of moderate intensity; but it must also be remembered that the centre of the storm was at least 80 miles from the nearest meteorological station, so that probably at its centre pressure was far lower than that recorded. As the storm was passing inland, the storm signals were lowered on the Monday afternoon. Fairly strong winds were recorded in connection with the storm, but, as stated above, the meteorological stations were too far away to give any good record of the actual intensity of the storm. storm afterwards drifted into the Central Provinces and subsequently filled up.

The storm which had been previously deflecting the monsoon current away from Bengal having thus commenced to pass over the land on the Sunday and Mouday, another advance of monsoon winds took place over Bengal, and most districts reported rainfall from the Sunday, though the rain did not reach Behar until Monday. The winds blowing over Bengal became almost normal in direction after the storm had advanced inland, and a strong southerly and south-easterly current was reported up till Thursday; on this day, however, a strong westerly element appeared in the wind directions over the province, and at most of the western and southern stations winds were south-westerly. This setting in of westerly winds was apparently due to the extension of the influence of the Dombay branch of the mousoon current, which at this time was blowing very strongly. The westerly current still continued strongly pronounced on Friday, the 17th. These westerly winds, in driving back the easterly, south-easterly, and southerly mousoon winds which had previously hern blowing from the Bay of Bengal, caused a considerable amount of interaction or interference, and therefore probably of ascensional motion, and consequently conditions became tavourable for heavy rainfall, particularly in the north and east of the province, and on the last two or three days

of the week rainfall was extremely heavy at many of the stations in these districts.

Pressure.—The variations of pressure have to a great extent been governed by the existence and movement of the small storm above described, but after it had disappeared, and pressure had risen so as to fill up the depression, a general fall of pressure took place over Bengal for several days. Consequently, at many stations, pressure is again below the normal, though, on the other hand, at some of the northern stations which were uninfluenced by the depression, pressure has been slightly above the normal. The extreme variation from the normal, at those stations from which records have been received for the largest number of years, have been a defect of 0.044" at Gopalpur and of 0.050" at Falso

Point, and an excess of 0'012" at Purneah and Durbhunga.

Temperature—The variations of temperature have been comparatively small during the week, except at the beginning. The mean temperature of the whole of Bengal for this period has been 1.3° in defect of the normal, but while East and North Bengal show temperatures in excess of the normal, the remainder of the province has been in percet. The defect has been to a great extent confined to Chutia Nagpur, where it equals 4.6°, and to Behar, where

it has been 2.5°. Ramfati-Has been fairly general and frequent almost throughout the week, but the falls have been in most instances light, except towards the close of the week and in the northern and eastern districts. North Bengal and North Behar have received a fall in excess of the normal, while all the other districts in Bengal have been in defect. North Bengal has received the largest fall, and this district averages 6:38 inches of rain falling on 50 days, while the normal for the period is 4.78 inches falling on 4.2 days. Compared with the normal the actual represents 133 per cent. North Behar has received the next largest fall of 3.90 inches on 3.1 days, while the normal for the period is 2.75 inches on 2.7 days. The fall has therefore been both larger in amount and more frequent,

the actual fall representing 142 per cent. of the normal. All other districts have received falls in defect. East Bengal has received 3.30 inches, while the normal is 5.36 inches, and thus the actual fall is only 61 per cent. of the normal. South-West Bengal has received 2.36 inches, the normal for the period being 2.85 inches, and the percentage being 83. South Behar has received 1.74 inches, while the normal is 2.05 inches, and the actual is thus 85 per cent. Orissa has received an average of 1.30 inches against the normal 1.96 inches, and the percentage becomes 66; while in Chutia Nagpur the average fall has only equalled 1.28 inches, while the normal is 2.50 inches, and the percentage of the normal is therefore only 51. Taking these districts as having an equal value, the general rainfall of the week has been 89 per cent. of the normal. Some decidedly heavy falls at certain stations have been recorded for the week. Cooch Behar has received 21.33 inches. Alipore Duar (Julpigori District) 18.88 inches, and Kurigram 15.01 inches, while the following stations have received falls of between 10 and 15 inches:—Rungpore, Bagdogra, Julpigori, Fallacotta, Dinhatta. Matabhanga, Buxa and Siligori. The three stations—Kurigram, Cooch Behar and Alipore Duar—also received above than 10 inches of rain in a single day on the 15th and 16th. It will therefore be seen that the Rungpore, Julpigori, Cooch Behar and Darjiling Hills districts have been centres of particularly heavy rainfall during the week.

In Assert win fall has again been tolerably, plentiful during the week.

In Assam rainfall has again been tolerably plentiful during the week; Dhubri has

received 9 68 inches, Silchar 4: 11 inches and Sibsagar 3 34 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 17th of June 1887 :-

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Approximate the second	rd:		0710	707	9996	70.0	857	-0.8	1:30	1:00	-0.68	8°5	3.0	+0.9	1'44	5:71	8-17	B*61
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Sant Bengal	80-1	b th o	83.9	7314	1017	78'0	8314	+1:0	3180	5'36	-2106	5'0	6'7	+0.8	6,24	10.50	10-02	35*6
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North Billian	161	HHY	88.0	7818	81.1	78'5	64.D	-2'6	\$160	3:75	+1,10	31	2.7	+0.4	4'91	2.58	12'81	8.14
Such Bohar	***		100%	7610	02.2	70'8	66'8	-4.0	1'74	2105	-4/40	313	8.0	+ 0.7	2'10	2.05	10.01	6116
nusin daupur	119.0		93.50	77.44	82.54	23.34	B0.8°	-4.6_{θ}	1.58	\$150	-1'90	9.0	\$16	-0.8	2:17	3.89	# 84	516
LONGILITY			9416	74:3	NRS5 .	7017	82:0	-0.5										

^{*} Chyebanas not included.

METROROLOGICAL OFFICE, BENGAL; The 21st June 1887.

A. PEDLER.

Offy. Meteorological Reporter to the Goot, of Bengal

Results of the Meteorological Observations taken at the Alipore Observatory from 12th to 18th June 1887.

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The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 5h, 10h, 16h and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are susuemose four feet above the ground.

The barreneter readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the oficial tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph,

The month of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers, < lightning.

A. PEDLER.

For Offg. Meteorological Reporter to the Gavt. of India,

METEOROLOGICAL OFFICE, GOVT. OF INDIA; Carcula, the 20th June 1857.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhes, from 12th to 18th June 1887.

					TREPER	LTURE.			By	GROMETET.		
Monta	,	Date.		Meth.	Mariania.	ในกะุล	Minimam.	Mean wet bulk.	Vapour tenning.	Dow point.	Bumidity.	Rain,
1687.			1		ū	u		0	Inches.	10	2	Luche
June 10 10 10 10 10 10 10 10	\$44 \$94 \$44 \$44 \$44 \$44 \$44	12th 13th 14th 15th 16th 17th 18th	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	81-2 81-3 80-3 83-3 87-0 86-0 80-9	67-9 88-0 90-3 91-0 97-0 94-7	106 304 13:1 13:0 15:7 10:8 17:7	78:8 77:6 77:2 78:6 81:8 78:7	79-9 79-9 79-0 80-1 83-2 81-0 79-5	-881 1-008 -975 -985 1-036 1-020 -989	78 5 70 8 78 5 78 8 80 8 79 8 78 9	92 95 94 84 81 82 95	0·26 0·23 0·18 0·64 0·01 0·02 0·16

					-(0)
The mean temperature of the se			***	mage	82.9
The extreme variation of temper	ature			***	20.0
The maximum temperature			***	***	97 0
The same seleting has been					% 89
The mean relative humidity	444	864		100	_
					Inch.

The total fall of rain from 12th to 18th June 1887 ... 2.30

The mean temperature and humidity are obtained by applying to the mean of the 10n, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringnes, in past years.

METEOROLOGICAL OFFICE, INDIA;

A. PEDLER,

The 20th June 1887,

For Offg. Meteorological Reporter to the Gaut, of India.

MEMORANDUM.

The following is a summary of the main facts connected with the vital statistics of the principal Municipalities in Bengal for the week ending 4th June 1887, as deduced from the approved table:—

annexed table:—

1. That during the week in question births and deaths were registered in the proportions, respectively, of 15.9 and 19.8 per 1,000 of population, as opposed to 14.1 and 21 per 1,000, respectively, during the preceding week ending 28th May, indicating an improvement in the registration of births against a fulling off in that of deaths.

2. That the undermentioned Municipalities returned the highest proportions of births

and deaths: -

	Births.			Dea	ths.		
			Butio par			1	Batlo per milla.
Beauleah		9 1 4	86.8	Gyn	101	161	8.86
Chittagong	414	0 4 5	83-0	Squampore Suburbs of Calcutta	100	407	35:3 30:4

3. That the casualty-rates from the principal diseases specified below, exhibit no noticeable variations in comparison with the death-rates from the same diseases in the preceding week:—

					Burgo ber mette guti	ng the weeks custing-
Cholera	[4)	***	per	400	4th June 1667.	28th May 1887.
Small-pox	+4+	***	+41	P 1 h	.1	*2
Pever	440	8.8-6	***	46+	8.5	.719
Bowel-complaints	111		444	491	5.4	2.9
Injury	0.00	1.60	* 4 *	444	-2	14
Other causes	941	***	100	144	€:3	7/2

4. That cholers and the maladies returned under the head of "Other causes" proved most fatal in the following Municipalities, the rest of the diseases abovenamed not exhibiting any noticeable local severity:—

	Cholera		Ratio per		Other causes	itatio per millo.
Suburbs of Patna Gya	Calentta	**	 5·0 4·3 4·1	Gya Seramporo Beauleah Subarbs o	***	 19:4 15:7 13:1 10:1

5. That in relation to Sex, Class and Age, the mortality of the week is found to have been distributed as follows:—

According to Sex.	. Accordin	ng to Class.	de	cording to Ag	ė,
2000111119 10 10111	Ratio per mills.	Rat	Uo per milla,		Ratio per mille.
Males Females Ratio of male deaths to every 100 female deaths	20.8 Christians Hindus Mahomedans	2	10 11 12 12 12 12 12 12 12 12 12 12 12 12	year inder 5 years 10 , 15 20 , 30 , 40 , 50 60 and upwards	110 54 196 98 139 150 229

R. Lidderdale, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal.

The 20th June 1887.

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R. Liuderball, M.D., Deputy Surgeon-General, Sandary Commissioner for Bengal,

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OPFICE OF SANITARY COMMISSIONER FOR BENGAL, The 20th June 1887.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 11th June 1987, on 1,519 miles oven.

	COACHER	o Trappic	÷.,		MERCHAND TI		AND MINE		Other en	mig	lica.	Total carry	inau.	TRAFFIG	THAIN-MILE	es str.
	Number of parametrical.	Beccij	otm.		Weight ostried.		Receipt		(estima	Essa j	P			Conobing.	Merchan- diae.	Total,
		Ra.	A. P		Mos.	B.	Ða.	4. P.	Rs.	ă.	p.	lie.	A. P.			20
Total traffic for the week Or per mile of railway For provious 22 weeks of half-	276,185	3,50,709 100	н г 0 б		20,11,723		0,29,238	7 0 8 11	18,734	8		9,04,682 805			115,680}	Manager 1
News and the second of the second	5,713,050	68,82,407	8 (0	6,07,01,235	80	1,52,29,500	13 3	4,19,181	0	4	4,20,80,840	8 7	1,488,096	2,847,874	
Total for 23 works	5,969,185	04,30,116	15 (0	0,37,02,059	10	1,58,58,409	u S	4,37,915	B	4	8,20,05,631	7 7	1,852,2572	2,463,810	4,910,00
Сомранийон.									,		4					
Total for corresponding week of provious year	277,581	2,05,732	8	N	28,41,611	สด	7,08,520	4 8	15,674	11	7	9,77,95%	바람	65,972	181,917	197,18
Total to corresponding date of	******	108	1.2	1 41	h 14 mg h		463	6 0	13	ō	8	645	8 1	4111,42	>=====	
previous year	5,073,183}	64,58,657	3 -	4	6.65,80,020	36	1,00,80,178	18 e	4,98,710	0	3	X,30,45,950	8 3	1,880,407	2,767,829	. 6,817,72

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI. Railway, dated 23rd July 1883.

	TS FOR WEEK TH JUNE 1886.			TS POR WEEK 1 TH JUNE 1697.			1. RECEIPTS PRO , 1886 TO 12TH 1886.			L RECRIPTA FROM 154 1547 TO 11FM 1487.		Total increase	Total decrease
Mean mileage worked.	Receipts.	Per mile wurkud,	Mean imbance worked.	Riccipii.		Menn missage warked.		Por mile worked.	Moun mileuze worken	Total receipts.	Per m la workedt	. in 1887.	14 1857.
	Blo.	Rs.		Rts.	E.v.		Ra.	Ra.		Rs.	Ru.	Mu.	
1,515	9,77,954	040	1,519	0,04,082	2006	1,515	1,00,33,370	7,018	3,810	1.04,11,700	0,723	11144	4.25,161

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 57 | miles open

*	Соления	G TRAPPIC.	MERCHAFIDER A		Other earnings	Total	TRAFFIC	C TRAIN-MILL	pa ers.
	Number of passwellen.	Bookipts.	Weight carried.	Receipts.	(estimated).	emphilique.	Conching.	Merchan-	Total.
		Rs. A. P.	Mana 18.	Rx. A. P.	Вы. А. г.	Ba. A. P.			
Total staffe for the week	15.677 1712 810,086	5,589 S 0 90 11 9 1,60,808 12 U	46,724 6 638 11 15,03,675 30	12,910 10 0 51 8 7- 70,029 10 0	81 12 0 0 8 10 1,372 4 8	9,508 0 0 144 11 2 2.39,146 11 0	900,1	1,003	2,61
Total for 23 weeks	322,773	1,05,091 18 0	13,49,868 30	79,803 4 9	1,204 0 3	2,46,009 4 4	89,80t	21,410	50,517
COMPARISON,									
Total for corresponding week of previous year. For mile of railway correspond-	12,602	5,601 B S	87,618 20	-470 6 0	23 2 3	D,266 1 6	1,684	1,182	2,619
the week of previous year	220	97 14 0	854 10	-6 5 7	0 0 0	DU I B	11744	141644	Apreli
Total to corresponding date of pravious year	805,6061	1,57,322 + 1)	12,91,548 10	60,864 Ø ¢	1.100 18 6	2,50,292 B B	89,556	21,633	60,170

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Oircular No. XXI, Railway, duted 23rd July 1883.

	r POE WEEK to June 1886			e son write			RECRIPTS FRO B11, 1846 TO 12; JUNE 1850,			RECRIPTO PROPERTY TO 11 JUNE 1987.		Total	Tetal
Mean puleaca warked.	Ecocipts.	Per mile worked.	Mean mileage worked.	Receipts.	Pur mile worked	Moan ndleage worked.	Total receipts.	Per mile worked.	Moan mileage worked	Total recaipts.	Per mile worked.	Increase in	decrease 1907.
	Ba,	£4,		B.o.	Ra.		Ba.	Es.		Ba.	Re.	Ric	
673		Da	57#	8,200	140	672	1,08,602	1,851	675	98,736	3,725	eest61	3,154

DILDARNAGAB-GHAZIPUR STATE BAILWAY.

Approximate Return of Traffic for week ended 11th June 1897, on 12 miles open.

	Солсина	THAPPI	P	MERCHANDISE	AND MIXE	BAL	Other cal		Total su	hm in-a-		TRAIN-MILI	in Roje,
	Number of	Receip	ton.	Weight	Receipt	9,	(estimus	(ed).	T-O-COLUMN	LET LIES	Coaching.	Murchans dise,	Total.
		<u>D.</u> .	A. P.	Mna, a.	Ri. A	. P.	Ra.	A. P	Ba,	A. P	,		
Total traffic for the week At per mile of railway For pravious 22 weeks of half-	3,700	040 63	л о 13 10	11,879 0	\$40 1 20 1		9	0 0		14 (13 2		21H	603
16rt	08,780	11,548	14 D	4,86,657 26	12,350	2 0	180	9 4	24,019	9 0	7,1146	5,813	10,997
Total for 23 weeks	72,045	12,105	4 Đ	4,46,136 20	12,650	i ()	198	8 (\$2.02£	7 1	7,314	+,107	11.42)
Comparison.				1 *									
Total for corresponding week of previous year Per mile of railway correspond-	3,414)	8FG	0 4	17,074 10	195		17	11 0	Lyks	7 1	238	235	401
rotal to corresponding date of	1	48	0.1	*****	74 1	D 6	1	7 9	14.6	7 5	*****	*****	
provious year	67,4517	13,546	70 7	7,86,844 10	16,380	2 0	1,032	11 :	20 930	4	4,00.4	6,768	21.07

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works

Department Circular No. XXI, Eailway, dated 23rd July 1883.

	FOR WERE			TS FOR WERK PTU JUNE 188			L RECEIPTS FUN LIL 1986 to 121 JUNE 1881,		TOTA Az	5 RESERVE THE PRO- SEL - 0887 TO 1 JUNE 1887.	rd ler lru		
Mean milenzé worked.	Receipts.	Per mija workod,	Menn milenge worked.	Receipts.	701119	Mean indeage worked,	Yatal recuipts.		Messa tritlenger worked.	Total receipts.	Per mila worked	Tatul limpettor in 2557.	decrease in
	Ra.	Ra.		RH.	Rs.		.ik.n.	Rs.		Ra.	B4.		Rs.
19	1,495	.196	18	1,000	26-5	12	14,72%	1,227	12	12,213	1.018		2,50

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 74; miles open.

	COACHIN	O TRAPPIC.	MERCHANDIER	AND MINERAL	Other earnings	Total	TRAFFIC	TRAIN-MILI	RN RUN
	Number of passengers.	Receipts.	Woight carried.	Receipts,	(ostinuted).	earnings.	Conclude.	Merchan-	Total.
4		Re. A. P.	Mus. s.	Ms. A. P.	Rn. 4. P.	Ru. A. 2,			
detail traffic for the week	e,643	6,896 8 6 72 U 7	1,05,425 10	9,578 15 0 \$7 (3 6	126 6 0 1 10 7	9,091 6 0 121 8 8		1,2463	1,944
Juni	138,103	1,00,675 9 0	22,08,870 80	98,750 S 6	2,750 12 0	2.03.762 11 3	10,3504	26,8462	43,206
Total for 23 weeks	1+4,011	1,07,863 12 0	20,70,786 0	1.02,300 + 0	2,070 2 9	2,12,841 ft 3	17,0301	39,1104	45,152
Comparison.									
Petat for corresponding week of pravious sour for mike of radway correspond-	6,3584	8,000 7 2	90,783 20	\$,588 4 0	70 7 u	7,374 9 9	651	1,660	2,810
the week of provious year	##P1#1	58 7 B	the may	46 14 0	0.15 1	101 4 7	181884	84 17 19	11718
Stations News	130,681	1,02,413 6 0	18,98,177 £0	88,758 14 (1)	2,855 10 8	1,85,557 [4 8	24,750	28,626	51,18

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1888.

litem pro	S TOR WEEK !	kadiag L	Вионгр	ra Pok.wzer Leu Junn 188			RECEIVE FED PAIL 1988 To 15 JUNE 1889.		TOTAL	L ERCRIPTS FR PRIL 1887 TO 11 JUNE 1987.	734 F82	Total	Total
birms bilange busked	Recorpts.	Per mile worked.	Moan mirese worked.	Receipts.	Por mile worked.	Metar militage worked.	Total receipts.	Per mile worked.	Mean milence worked.	Total receipts.	Per mile (worked).	1887.	1897.
	Ba.	Ru.		Ru.	Ra		Ra.	Ta.		Re,	Es.	Re.	Es.
241	7,276	101	741	1,00%	100	742	78,730	1,053	741	91,527	1,594	13/777	411117

TARKESSUR BRANCH RAILWAY:

Approximate Return of Traffic for week exded 11th June 1887, on 321 miles open.

4	Офасита	o Trappi	ç.		Merchandible /		pu (18)	LAL	Other on	mi	vi aris	Total	.1		THATPIC	TRAIN-MID	
	Number of passengers.	Rocal	pts.		Weight ourred,	Recel	pt#,		(ontime			- Demiration		*	Coaching.	Merchan- diso,	Total
		Ru.	A. 1	p_ i	Hds. s.	ka.	Α.	Tr.	能 11.	۸.	р.	Ra.	Δ.	T.	,		
Total traffic for the west Or per mile of railway For previous 22 weeks of hulf-	18,145	4,72H 215	6		#,D7.5 0	31(i 14	13		120	0		5,067 2:17			994	64	966
but bearings as assess of Mills	453,248	1,20,070	9	0	1,80,869 \$0	0,419	10	0	158	15	0	1,40,549	11	0	99,86a	1,630	21,630
Total for 13 weeks	471,308	1,24,095	9	ń	1,96,844,30	0.786	7	0	170	16	0	1,41,000	8	-0	21,704	1,094	\$2,794
COMPARISON.																	
Total for corresponding wook of previous year	22,114	5.89£	10 -	4	6.809 11	230	3	0	. 16	7	8	6,134	2		923	4.6	Beta
er indie of milway correspond- ing week of provinus year	******	261	13 3	2	ens him	30	ß	Ь	0	7	ŧ	275	п	1	*****		414-4-
fotal to correspondent date of previous year	475,651	1,94,384	14	8	9,42,193 6	8,414	ъ	U	168	U	8	1,34,995	Ŋ.	15	23,159	2.671	93,75

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Depart.

ment Circular No. XXI. Bailway, dated 23rd July 1883.

tresiri iii	TORWESS IN	ending G		TE FOR WEEK TO JUNE 1887			CL RECEIPTS FOR PRIL 1886 TO 12 JONE 1886.			л вискірта уно рип. 1887 то 11т Јуже 1887.	ш	Total	Total
Moan alleage rorked.	Receipts,	Per mile worked	Menn mileage worsed.	Receipts.	Per . rule worked.	Mosn milenes worked.	Total receipts.	Per mile worked.	Mpau militare worked	Total receipts.	Por mile worked.	1467.	decrease is
	Ra,	Da.		Ыn,	Rs.		Rs.	146.		Rs.	Ra	Re.	R4.
904	0,234	270	0.73	5,088	947	222	62,097	2,818	221	61,048	2,744	Aberra	1,640

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 42 miles open.

	Covening	TRAPPLO	4	MEHORYKI	PNAP		RAL	Othe	or our	n lines			THAPPI	C TRAIN-BILL	MA RUS.
	Rumber of passerigure.	Receip	tu,	Weight carried.		Receip	ta,		lingt		Total čevni	tiga.	Couching.	Morehan-	Total.
	1	Ru	A. P.	Mni	. 0.	Ks.	A. P.		Hin A	ı. Fı	Re.	A. P.	1		1
Total traffic for the week Or per mile of rullway For previous 23 weeks of half-	2,791	1,250 29	1 8		20	2,228 63	14/0			9 0 10 d	3,512 63 1	6 8	195	123	****
Year	02.090	29,383	3 8	11,12,289	10	69,180	8 0		416	16 8	BH,463	7 6	4,187	18,317	17,80
Total for 15 weeks	64,881	29,444	2 0	11,47,688	30	21,418	G 0		715	7 3	1,01,975 1	5 9	4,880	19,688	13,01
COMPARISON,															
Total for corresponding week of previous year Per pile of railway correspond-	8,2524	1,486	B 10	11,28	0	1,685	3 0		1.7	15 0	8,997	ð 10	\$40	940	3-8
Ing week of provious year	804 191	516	0 8	*****		86	8 9		0	6 10	71	8 10	411114	P+n-m-	441-4-
Dankjorn Leer	20,2146	11,246	12 7	1,61,44	0	13,899	4 8		9.93	8 8	24,876	0 1	5,348	2,789	6,17

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in assordance with Public Works Department Circular No. XXI, Railway, dated 28rd July 1883.

	DOE WEEK III JUNE 188		RECEIP	THE FOR WEEK THE JURY 1887.	ENDING		AL RECEIPTS F RIC 1886 TO 1271 1886.	и јанк нож	Tor 11 7	TAL ERCEIPTS PI APRIL 1887 TO JUNE 1887.	_	Total increase	Total decress
Mean mileagu worked.	Receipts.		Ments militage worked,	Receipts.		Mean milesape worked.	Tetal receipts.	Por mule worked.	Moan mileago worked.	Total receipts.	Per mile worked.	in 1687.	10 1807.
48	Ra. 2,997	Ba. 71	48	Be. 3,513	Ra. 84	43	Ra. 24,659	Re.	40	32.n. 45,897	He 1,061	Rs. 20,528	Babess

BENGAL CENTRAL BAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 125 miles open.

	COACILING	TRAPPIC.		AND MINHAL.	Other earnings	Total	TRAFFIC	Thain-mil	M 87X.
	Number of pamengers.	Conching recoupts.	Weight carried.	Rossipte.	(outimated),	operatings.	Conching.	Murchan- dise.	Total.
		Bit. A. P	Mar. s.	2h. A. y.	Da. A. P.	Re. A. P.			
noted traine for the week or or per talle of railway for previous 22 weeks of half-	28,000 200	9,000 A (2,000 0 0 20 0 0	50 Q 6	11,680 0 0 02 0 0	5,760	1,424	5,22
Jen blanom an and an	588, 471	1,95,888 0	9,01,434 0	0 0 242,88	1.041 0 0	2,56,905 0 01	84,136	31,7107	1, 15 un
Total for 28 weeks	593,471	0 288,60,2	9,51,484 #	00,882 0 0	1,091 6 6	5.67,855 0 D	67,022	53,101	1,11,11
COMPARISON.	@ 85,000	18,40% D	99 55,559 0	1,625 0 0	43 0 0	\$0,1ka 6 o	4,044	1,284	5,30
A) of provious year	250	148 0	106 0	13 0 6		101 0 0) · · · · ·	Pad cha	
desired some desired des of	454,020	2,08,007 0	9,40,808 0	50,060 O D	C97 0 0	2,59,380 0 0	90,595	81,211	1,91,0

[&]quot; Increase due to Daganard latining festival.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bongal Central Railway.

Dar	ELPTH FOR WI	FEE	RECEIP	TA POR WEEK 12H JUNE 1887	ES DINO	AVBIL	L EXCRIPTS PRO NO. TO WEEK A STR. JUNK 1984.	w ist	APAIL 1	t escentra uno montro were i no June 1867	PAR TOT EMBLANCE	Total	Total
Kenn milmage worked.	Leceipte.	Par mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Monz mileage worked,		Por milu worked.	Mean mileage, worked,	Total receipts.	Per talle worked,	introvo in 1887.	decrease in 1887.
	Ra.	20.		. Ba.	34.		Ro.	Ro.		Ro.	Re.	Ra,	Ba,
285	10,150	161	198	11,650	93	125	1,20,997	97	184	1,24,944	100	2,947	441

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 11th June 1887, on 249 miles open.

					A 1				
	COACHIN	ТЦАРИО.	MERCHANDISK THAT	AND MINNIAR.	Other earnings	Total estroines.	TRAPPIC	That established	BAUN.
	Number of passengers.	Conching	Weight carried.	Receipts.	(astimuted).	A COURT DATE LANGE.	Concliping.	Merchan-	Total
	5-g %	Ba. A. P.	Mun, n.	Ba. a. r.	Ra. a. r.	E. a. P.		1	
low traffic for the week on 240	41,405 168	14111 0 0 80 11 0	1,04,601 0 789 0	27.871 0 h 09: 12 D	3,591 0 0	\$5,083 0 5 129 7 0°	5,685	7,617	15,309
evious 22 weeks of hall-	817,750	3,94,694 0 D	36,70,814 0	3,64,317 0 0	70,560 0 0	7,59,431 O 0:	126,521	131,490	456,130
Total for 25 works	889, 156	3,58,745 O D	88,74,50S D	8.81,188 0 0	74,081 0 0	7,0 mol4 0 0	\$30,570	188,610	ME,002
Comparison. Indica correspondent work of resource year on 240 inites open	49,800)	15,411 G C	1,71,709 10	18,740 4 0	10,886 14 10	44,653 0 10	5,250	5,881	10,801
in week of previous year	178	62 11 0	0.80	78 8 0	28 7 0	\$67 S OF	-11-1-	16117	1-1
previous year or	919,702	2,93,400 12 10	31,10,358 20	3.19,615 9 11	77,447 5 8	0,95,352,10, 8	111,097	117,539	225,620

^{*} Strom-boat sarnings smouded to calouating " Polal carnings per inte of railway."

PINANCIAL YEAR.

· Approximate Statement of gross receipts of the Tirhout State Ruilway.

XCILIP	79 FOR WHEE FIR JOHN 1688.	ranka-	H-MODELL'T	e for wher	MEDINO.	TOTAL	ENCRIPTS YE PRIT 1586 TO 12 JUNE 1886.	om let	APRI	1 RECEIPTS FRO 15 1087 TO 11721 1887.	Jens '	Total	Total decrease in
Messes Limental Limental	Перкірів.	Per mile wurked.	Mesa pricaso worked	Receipts,	Per unito worked.	Mean nileagu grarked,	Total receipts.		Moun markets		Per Bille worked	1867.	1867.
245	<u>tta.</u> 44,854	Ru.	240	Ru 35,055	Fa.	248	Ra. 25,033,4454	Ra. 1,487	24	Ba. 8,81,488	ha. 1,582	Rs. #8,018	p 1 p to 10

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 11th Jane 1887, on 271 miles open.

	Coaceine	TRAPPIO.	Munchandes a		Other caraings		TRAPPEO!	Talis-nilb	s atu,
	Number of passengers.	Conching roceipts.	Walght carried,	Receipts.	(mtimated).	Total earnings.	Coaching.	Merchan.	Total.
		Ba. a. P.	Mare, n.	Ba. a. P.	Ba, A, T,	Re. a. г.			,
Total traffic for the week Or per mite of railway For provious 22 weeks of half-	1,089 112	1,845 9 9° 45 11 °	8,188 20 200 0	441 1 0 16 4 0	30 14 8'	1,890 9 10 61 0 0	ROD	#ön terrir	10
Admi. Att the Att Att	00,448	25,005 6 10	8,75,660 90	10,100 15 0	845 1 4	61,802 7 2	11,570	7,4204	18,000
Total for 23 works	40,400	26,342 0 0	1,81,808 0	10,604 0 0	884 0 D	43,602 0 0	13,270	7,6744	20.40
COMPARISON.			1	,					-83
Sotal for corresponding week of previous year	4,145	8,947 10 8	4,405 10	511 14 O	8 34 0	2,768 6 6	618	863	16
the week of prostous your	186	88 8 9	938 0	18 18 0	0 # 9	103 D 0	116.11	Pittern	
Total to corresponding date of previous year	61,165}	26,904 7 9	204,467 80	18,968 2 6	978 G G	\$9,448 C 8	11,961	0,845	DUSION

^{*} There was an unusual increase of passenger traffic during the corresponding week of previous year. Hence the present decrease.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nathati State Railway.

EMERIPTS FOR WHEEL EXDING 18XH JUNE 1884,			Racare:	TH FOR WHINE THE JUNE 1887	ENDING.	TGTAL RECEIPTS FROM 16T AFRIL 1886 TO 15TH JUNE 1886.			Total enceipts prom lev April 1887 TO 17th June 1887.			Total	Tota!
Month mboage worked.	Receipts	Per mile mile worked.	Meati mileage worked.	Receipts.		Mean malence worked.		Par mile worked.	Moun misans worked.	Total receipts, mile	Fer mile worked.	instants for Isse.	1607-
878	Ra. 9,765	2s.	. 271	Ho. 1,700	Ra.	10%	18.000	Re.	17k	Re. 19,641	R4.	Ea. 749	8441-07

DARJEELÍNG-HIMALAYAN	RAILWAY	COMPANY,	LIMITED.
----------------------	---------	----------	----------

-		22.0-21200							Rt.
Approximate es	rnings for	week ending	4th June	1887	***		101	***	9,202
Corresponding	week last	year	***	g de h	144		414 d	9 4	10,709
Decrease	***		411	4 = 4	0.01		***	***	2,507
Receipts from 1	st Januar	y to 4th June	1887		***		488	**	1.71,480
From 1st Janua	ry to 5th	June 1886	404	\$ p 4	** 1	**1	4+1	***	1,99,810
Decreese	***	*11	***				4 0 4	D4+	28,030
									Miles.
Miles open, week ending 4th June 1887 Corresponding week last year			9.81	4 ,000		.***	444	51	
				in doll	104		(***	445	507
Increase	***	140	434	141	***	4	797	. ***	1
	143								Rs. 4. 2.
Receipts per mile open, week ending 4th June 18			87	191		101	***	180 6 11	
Corresponding week la		year	199	4 8 8	160		8.91	989	211 0 8
Decrease		gard.	110	148	100		141	100	30 9 4
the Count Dates of									

ORIGIN OFFICE, DARFMELING, the 11th June 1987.

W. STEVENSON, Secretary, D. H. H.



SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, JUNE 29, 1887.

OFFICIAL PAPERS.

Non-Subscribers to the GARRIER may receive the SURFERMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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INTERNATIONAL EXHIBITION OF INDUSTRY, SCIENCE AND ART, GLASGOW, 1888.

Circular No. 9Ex. 7A-22

Extract from the Proceedings of the Government of India, in the Revenue and Agricultural Department (Museum-Exhibition),—under date Simia, the 20th June 1887.

READ.—The following despatch, with enclosures, from Her Majosty's Secretary of State for India, regarding the International Exhibition of Industry, Science, and Art, to be held in Glasgow during the summer of 1888.

No. 50, dated London, 28th April 1887.

From—Her Majesty's Secretary of State for India,
To—His Excellency the Right Honourable the Governor-General of India in
Oouncil.

I roawand herewith a copy of a letter, and its enclosure, from Sir Archibeld Campbell-Campbell, Bart... M.F., and the Honourable the Lord-Provost of Glasgow, for the information of Your Excellency, and for such measures as you may see fit to take, with a view to give publicity to the proposal they aunounce for holding an International Exhibition at Glasgow during the summer of 1888.

No. 488, dated Glasgow, March 1887.

From—A. C. Campriell, Esq., President, and the Hon'ble James King, Chairman, Executive Council, International Exhibition of Industry, Science, and Art. Glasgow.

Art, Glasgow, To-Hor Mujesty's Secretary of State for India.

We have the honour to inform Your Lardship that an International Exhibition of Industry, Science, and Art is to be held in Glasgow during the summer of 1888.

We enclose a list of the Executive Council, from which Your Lordship will see that the project is to be guided by the leading Noblemen and Gentlemen of Scotland, as well as by the most influential of the Citizens of Glasgow.

To show the interest taken in the proposed Exhibition, we may mention that the Guarantee Fund amounts to over £227,000, being larger than that raised by any previous

As Glasgow may be regarded as the Commercial Capital of Scotland, it is of the utmost importance that exhibits of Indian industries and arts should be collected for the

information and education of the people.

Recognising the great advantages which would accrue to the Exhibition through the support of Her Majesty's Government, we beginnest respectfully to bring it under Your Lordship's notice, in the hope that you may be pleased to take measures for having the Exhibition made known throughout the Indian Empire by the India Office.

INTERNATIONAL EXHIBITION OF INDUSTRY, SCIENCE, AND ART, KELVINGROVE PARK, GLASGOW, 1888.

Under the patronage of Her Most Gracious Majesty the Queen.

T.R.H. DUKE AND DUCHESS OF EDINBURGH.

H.H.H. Duchess of Albany. T.R.H. Prince and Phincess Christian, H.B.H. Duke of Cambridge.

President :

SIR ARCHIBALD C. CAMPBELL, OF BLYTHSWOOD, BARONET, M.P.

Chairman of Executive Council:

THE HON. JAMES KING, LORD-PROVOST OF GLASGOW.

Vica-Chairmen of Executive Council:

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ALEXANDER BENNET M'GRIGOR, of Cairnoch, T.L.D.

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ALFRED BROWN.

General Manager:

H. A. HEDLEY.

TO PATENTEES.

PATENTS, DESIGNS, AND TRADE MARKS.

46 & 47 Vic., CAP. 57.



A.D. 1883.

An Act to amend and Consolitate the Lanc relating to Patents for Inventions, Registration of Designs, and of Trade Marks.

PART IL PATENTS.

39. The Exhibition of an invention at an Industrial or International Exhibition certified as such by the Board of Trade, or Exhibition at Industrial or International Exhibition not the publication of any description of the inventor prejudice patent rights.

the projection of any description of the invention during the period of the holding of the Exhibition, or the use of the invention for the purpose of the Exhibition in the place where the Exhibition is held, or the use of the invention during the period of the holding of the Exhibition by any person elsewhere without the privity or consent of the inventor, shall not prejudice the right of the inventor or his legal personal representative to apply for and obtain provisional protection and a patent in respect of the invention or the validity of any patent granted on the application, provided that both the following conditions are complied with, namely:

(") The Exhibitor must, before exhibiting the invention, give the Comptroller the prescribed notice of his intention to do so; and

(b) The application for a patent must be made before or within six months from the date of the opening of the Exhibition.

PART III.-DESIGNS.

57. The Exhibition, at an Industrial or International Exhibition, certified as such by the Board of Trade, or the Exhibition elsewhere during the period of the holding of the Exhibition, without the privity or consent of the

proprietor, of a design, or of any article to which a design is applied, or the publication, during the holding of any such Exhibition, of a description of a design, shall not prevent the design from being registered or invalidate the registration thereof, provided that both the following quaditions are complied with, namely:—

(a) The Exhibitor must, before exhibiting the design or article, or publishing a description of the design, give the Comptroller the prescribed notice of his intention to do so; and

(b) The application for registration must be made before or within six months from the date of the opening of the Exhibition.

" Patents, Designs, and Trade Marks Act, 1883."

"Upon the application of Mr. William M. Cunningham, of 27, St. Vincent Place. "Glaegow, made to the Board of Trade on the Eleventh of March, 1887, the Board of "Trade do hereby certify that the International Exhibition of Industry, Science, and Art "proposed to be held in the year 1888 at Kelvingrove Park, Glasgow, is an International " Exhibition.

"Signed by order of the Board of Trade this Fifteenth day of March, 1887.

"COURTENAY BOYLE.

. " Assistant Secretary, Board of Trade."

PROSPECTUS.

Ir has been decided to hold an International Exhibition at Glasgow during the Summer of 1988, and Her Majesty the Queen has been graciously pleased to lend her Roysl patronage to the undertaking.

The proposal has been taken up by the Nobility and Gentry of Scotland, and by the Citizens of Glasgow and other Towns, with such general approval that the Guarantee Fund already exceeds £235,000, and is still being increased.

The City of Glasgow is situated in the centre of the Chief Industries of Scotland. and has, including its suburbs, a population of 761,000, and including the surrounding districts and neighbouring towns, a population exceeding 1,500,000. Edinburgh and other centres of population are within one hour's journey, and Tourist routes to the Western Highlands radiate from Glasgow.

The objects of the Exhibition are to promote and foster Industry, Science, and Art. by inciting the inventive genius of our people to a still further development in Arts and Manufactures, and to stimulate Commercial Enterprise by inviting all Nations to exhibit their Products, both in the raw and finished state. Examples of the Manufactures by which Glasgow and the surrounding districts have become famous—Chemical, Iron, and other Mineral Products, Engineering, Shipbuilding, Electrical and Scientific Appliances, and Textile Fabrics—will be exhibited both in process of manufacture and in the finished

Similar and more varied Exhibits may be expected from other parts of Great Britain and from the Continent; whilst from America, India, the Canadian, Australian, Cape, and other Colonies, promises of substantial support have been received.

A Fine Art Section will form an important part of the Exhibition. For the accommodation of the Art Treasures and Historical Objects a special block of the building will be reserved; and the most ample precautions will be taken for the security of valuable property leut for the purposes of the Exhibition. A special Prospectus, Classification and series of Regulations will be issued for this Section.

Two Sections-viz., "The Women's Industries Section" and the "Artisan Section" will be special features; and in connection with the former, Her Grace the Duchess of Abercorn is Convener for Ireland, the Right Hon'ble the Countess of Rosebery for England and Wales, and the Hon'ble Lady Campbell, of Blythswood, and Mrs. King for Scotland, the Colonies, and Foreign Countries.

The site which has been granted by the City Corporation for the Exhibition Buildings extends to 50 acres, and is one of exceptional beauty and convenience. It comprises the Western pertion of the Kelvingrove Park and the slopes of Gilmorehill, which are crowned by the University Buildings.

The Buildings which it is proposed to construct will cover about 10 acres, and will be creeted according to plans prepared by eminent architects. The ornsmental flower pots, pend, and fountains of the Kelvingrove Park will be included in the Exhibition Grounds, and the terraces in front of the University Buildings are well adapted for the effective

display of electric lighting and pyrotechnic illuminations, as well as for the enjoyment of musical promenades and other entertainments which it is intended to provide.

The River Kelvin, which intersects the grounds, will be available for the Exhibition of Naval Shipbuilding and Life-Saving Apparatus, either in motion or not. The reach of the river which can be utilised for this purpose has a length of 1,500 feet, a width of 90 feet, and

a depth of 6 feet.

The situation of the Exhibition Buildings is specially convenient of access for Ex. hibitors, as by means of the lines of rails-which can be made use of at night for the passage of railway trucks, and which will, if possible, be carried into the Exhibition Grounds at more than one point—heavy goods can be delivered at a minimum cost and with the least possible amount of risk. In addition to this, the part of Glasgow offers a cheap and ready means for the delivery and redelivery of sea-borne goods

It is intended to afford full postal, telephonic, telegraphic, and banking facilities within the Exhibition Buildings, so that all necessary business may be conducted by Exhibi-

tors and others without leaving the premises.

The whole arrangements are in the hands of the Executive Council, which has been chosen from the General Council of Guarantors, and has for its Chairman the Hon. the Lord-Provost of Glasgow.

GLASGOW, April 1887.

President :

SIR ARCHIBALD CAMPBELL-CAMPBELL, OF BLYTHSWOOD, BARGNET, M.P.

· Vice-Presidents :

HIS GRACE THE DUKE OF HAWILTON AND BRANDON, KT.

HIS GRACE THE PURE OF ARGYLL, K.G., K.T.

HIS GRACE THE DUKE OF BUCCLEUCH AND QUEENSBERRY, KT. HIS GRACE THE DUKE OF MONTROSE, KT.

THE MOST NOBLE THE MARQUESS OF BUTE, KT., President of Fine Art Committee.

THE MOST HONOURABLE THE MARQUESS OF BREADALBANE.

THE MOST HONOUEABLE THE MARQUESS OF LOTHIAN, Kr., Secretary for Scotland.

THE RIGHT HONOURABLE THE EARL OF HOME, Lord-Lieutenant of the Country of Berwick THE RIGHT HONOURABLE THE EARL OF ROSEBERY, Lord-Lieutenant of the Counties of Midlothian and Linlithgow.

THE RIGHT HONOURABLE THE EARL OF STAIR, Kr., Lord-Lieutenant of the Counties of Wigtown and Ayr, and Chancellor of the University of Glasgow.

THE RIGHT HONOURABLE ARTHUR JAMES BALFOUR, of Whittinghame, M.P., Secretary for Ireland.

THE HONOURABLE JAMES KING, of Campsie, LL.D., Lord-Provost of the City of Glasgow. THE RIGHT HONOURABLE THE LORD-PROVOST OF THE CITY OF EDINBUROH.

Ronardy Members of the Association :

THE MOST HONOURABLE THE MARQUESS OF ALLSA.

THE RIGHT HONOUBABLE THE EARL OF ABBRDEEN, LL.D., Lord-Lieutenant of Aberdeenshire.

THE RIGHT HONOURABLE THE EARL OF CATHCAET.

THE RIGHT HONOURABLE THE EARL OF ELGIN AND KINCARDINE, LL.D.
THE RIGHT HONOURABLE THE EARL OF FIFE, K.T., Lord-Lieutenant of the County of Elgin.

THE RIGHT HONOUGABLE THE EARL OF GLASSOW, [LL.D., Lord Clerk-Register of Scotland.

THE RIGHT HONOURABLE THE EARL OF KINNOULL.
THE RIGHT HONOURABLE THE EARL OF KINTORE.

THE RIGHT HONOURABLE THE EARL OF MAR.
THE RIGHT HONOURABLE THE EARL OF MAR AND KELLIE.

THE RIGHT HONOURABLE THE EARL OF MORTON. THE RIGHT HONOURABLE THE EARL OF ROSSLYN. THE BIGHT HONOURABLE THE EARL OF SEAPIELD.

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THE RIGHT HONOURABLE THE LORD BELHAVEN AND STENTON THE RIGHT HONOURABLE THE LORD COLVELLE OF CULROSS, KT.

THE RIGHT HONOURABLE THE LOAD FORBES.

THE RIGHT HONOURABLE THE LORD HAMILTON OF DALZELL.

THE RIGHT HONOURABLE THE LORD LAMINGTON.
THE RIGHT HONOURABLE THE LORD MONCRIEFF, LL.O.

THE RIGHT HONOURABLE THE LORD MACDONALD.

THE RIGHT HONOURABLE THE LORD CHANMORS AND BROWNS.

THE RIGHT HONOURABLE JOHN INGLIS, of Glencorse, Lord Justice-General, and Lord-

President of the Court of Session.

THE RIGHT HONOURABLE JOHN HAY ATROLS MACRONALD, Q.C., C.B., LL.D., M.P., Lord-Advocate for Sootland.

JAMES PATRICK BANNERMAN ROBERTSON, Esquire, Q.C., M.P., Solicitor-General for Scotland.

THE RIGHT HON'BLE SIE JAMES FREGUSSON, Baronet, of Kilkerran, K.C.M.G., C.I.E., M.P. SIE THOMAS EDWARD COLURBOOKE, Baronet, of Crawford, Lord-Lieutenant of the County of Lanark. SIR MICHAEL ROBERT SHAW-STEWART, Beronet, of Greenock and Blackhall, Lord. Lieutenant of the County of Renfrow. HUMPHREY EWING CRUM-EWING, Esquire, of Strathleven, Lord-Lieutenant of the County of Dumbarton. SEE WINDHAM CARMICHARL AMSTRUTHER, Baronet, of Carmichael. SIR ARCHIBALD ORB-EWING, Baronet, of Ballikinmin, M.P. SIR CHARLES TENNANT, Baronet, of the Glen. SIR JAMES BAIN, 3, Park Terrace, Glasgow. SIR WILLIAM COLLINS, S, Park Terrace, East, Glasgow. SIR PETER COATS, of Auchendrain, Avrehire. SIR MICHABL CONNAL, 16, Lyuedoch Orescent, Glasgow. STE WILLIAM THOMSON, LL.D., D.C.L., The College, Glasgow. SIR JAMES WATSON, 9, Woodside Terrace, Glasgow.

THE VERY REVEREND PRINCIPAL CAIRD, D.D., LL.D. The College, Glasgow.

WILLIAM WALLACE HOZIER, Esquire, of Mauldsbe, Convener of the County of Labark.

PATRICK BOYLE SMOLLETT, Esquire, of Bonbill, Convener of the County of Dumbarton. HOBERT BERRY, Esquire, LL.D., Sheriff of the County of Lanark. THE HON'BLE HENRY JAMES MONCRIEFF, Sheriff of the Counties Renfrew and Bute. JOHN G. A. BAIRD, Esquire, of Murkerk, M.P. JAMES CALDWELL, Esquire, M.P. CHARLES CAMERON, Esquire, M.D., LL.D., M.P.

JAMES A. CAMPBELL, Esquire, of Streeathre, LL.D., M.P.

ARCHIBALD CAMERON CORBETT, Esquire, M.P. DONALD CRAWFORD, Esquire, M.P. B. B. CUNNINGHAME-GRAHAM, Esquire, of Arduch and Gartmore, M.P. JAMES HOZIER, Esquire, Younger of Mauldelie, M.P. STEPHEN MASON, Esquire, M.P. WILLIAM PEARCE, Esquire, M.P. A. D. PROVAND, Esquirs. M.P. EDWARD RICHARD RUSSELL, Esquire, M.P. ALEXANDER CRAIG-SELLAR, Esquire, M.P. M. H. Shaw-Stewart, Esquire, Younger of Ardgowan, M.P. HUGH WATT, Require, M.P. PETER CLOUSTON, Esquire, 1, Park Terrace, Glasgow.

Regulations for Exhibitors.

Her Majesty the Queen, will be held in Glasgow in 1888.

2. The Exhibition will be opened early in May, and will continue open for a period of about six months.

3. The principal objects to be exhibited are comprised in the accompanying classification, which must not be considered to be exhaustive.

4. It is not intended to issue any Awards.

Charge will be made for space, except in special cases to be determined by the Executive Council. The charge for space inside the building will be 2s. per square foot, with a minimum charge of \$22 los. Whatever vacant space Exhibitors require around their Exhibits, beyond the usual passages, will have to be paid for, and Exhibitors requiring wall-space must mention the fact when making application, when they will be informed in what conditions it will be granted. Space in the grounds will be let at rates to be arranged by the Committee, but in such cases plans must accompany application, and all surface damage must be made good by the Exhibitor on removal. Payment to the extent of 25 per cent. of the amount payable must accompany the application, and the balance must be forwarded on receipt of the notice of alletment. In no case, however, can the deposit be less than the minimum charge of £2 los. Exhibits will on no account be allowed to be placed unless payment has been arranged. Spaces not occupied seven days previously to the opening of the Exhibition will be otherwise allotted, and all payments made in respect thereof absolutely forfeited. Exhibitors will have to pay all expenses of conveying, delivering, arranging, fixing, and removing their Exhibits, and also the cost of the erection of all fixures, screens, and counters when required; and they must personally, or by a representative, superintend the transmission, reception, unpacking, installation, and (at the close of the Exhibition) the removal of their goods. The Executive Council reserve to themselves the right of doing whatever may be considered necessary at the expense of the Exhibitor, unless this regulation is strictly complied with. Should any goods be deposited in the Exhibition premises during the absence of the Exhibitor or his representative, the

Executive Council will not be responsible for any loss or damage from whatsoever cause arising. 6. Motive power, gas and water will be supplied by the Executive Council free of charge within certain limits, and subject to certain regulations. Exhibitors requiring motive power must fill up the special Application Form which has been prepared for this Section, and which will be supplied by the Secretary upon application. Exhibitors requiring Counter Scaffing, Pulleys, and Belling must supply those at their own expense. Schedules of application for space may be had from the Secretary, W. M. Canning-ham, 27, St. Vincent Place, Glasgow. These must be filled up and returned on or before lat October 1887. The decision of the Space Committee will be notified as soon as possible after that date. 8. The nature of the articles which it is Nature of Exhibits. proposed to exhibit must be fully specified in the Form of application for space, 9. The Executive Council reserve the right Right to refuse Exhibits. to refuse any Exhibit, without stating any reason for se doing. 10. The Foreign and Colonial Commis-Foreign and Colonial Exhibits. are invited to communicate with the Secretary. The Executive Council will place at their disposal all information and plans that may be useful to them. 11. Applicants for space from countries in which no Commissioner has been appointed will correspond directly with the Secretary. 12. The Executive Council will endeavour to obtain from the various Railways and Carriers special terms for the conveyance of Exhibitors' goods to and from the Exhibition, and these arrangements will be communicated to intending Exhibitors. 13. All packages containing goods for Exhibition must have painted on them the distinctive Mark 1. B. G. Marks on Packages. together with the name and address of the Exhibitor, and the allotment number of the space. Labels for this purpose will be supplied to each Exhibitor. 14. Packages from Foreign Countries must likewise have painted on them the distinctive mark Marks on Fereign Packages. They must also be marked in such a way as to show distinctly the name of the Exhibitor and the country from whence they come, as well as the allotment number of the space. No Case, Counter, Platform, Screen or Partition must (without special permission) exceed the following dimensions :--Dimonistra of Cases, &c. 10 feet above the floor.
2 feet 6 inches above the floor.
1 foot above the floor. 610 *** Show-cases and partitions 141 ---Counters 111 16. Exhibitors may erect Railings around their Stands, and provide Canopies, subject Ballings and Canopies.

to approval; in every instance these Railings and Canopies must be within the area of the space allotted. In the case of machinery is motion, it is imperative that it be sufficiently railed.

17. The Flooring must not be altored, removed, or strengthened, except by sanction of the Executive Council, and at the expense of Thoring.

the Exhibitor.

18. No Exhibitor will be permitted to display Exhibits in such a manner as to obstruct the light, or project beyond the space allotted, or impede the view along the open spaces, or occasion injury or inconvenience to other Exhibitors. 19. In order to insure uniformity of decoration, no Exhibitor will be allowed to put up flags, benners, or other kind of decorations Decomptions. without permission, and for covering counters, screens, or partitious, a material will be selected, which may be bought by Exhibitors at the building, 20. Signs or Name-boards must be placed to the satisfaction of the Space Committee, and must in no case interfere with the lighting. They must be black, with gold letters. 21. All Hand-bills, Printed Matter, &c., connected with Exhibits, and intended for gratuitous distribution, must first receive the approval and authority of the Executive Council. which permission may be withdrawn at any time.

Cases must be unpacked immediately on arrival, and the empty cases removed by the Exhibitors or their Agents. The Executive Council cannot accept any responsibility with reference to copty cases, which must be at once removed from the buildings at the expense of the Exhibitors. The Executive Council reserve to themselves the right of doing whatever may be considered necessary, at the expense of the Exhibitors, unless this rule is strictly complied with. 28. Exhibitors will be required to provide all necessary attendance, and to keep their Stands and Exhibits properly cleaned and in good Attendance, order during the whole period of the Exhibition. The Executive Council reserve the right to impose a penalty for a breach of this regulation, and to order the removal of any Attendant whose behaviour they consider unseemly. 24. No Exhibitor will be allowed to transfer any portion of the space allotted to him. or to allow any other than his own duly-admited Non-transfer of Space. Exhibits to be placed thereon except by permission of the Executive Council. 25. All goods must be exhibited in the name of the individual or Firm signing the Application Form. 26. Exhibitors are requested to mark the selling price of the articles exhibited for the information of visitors to whom they may Belling. explain their Exhibits; but they will in all osses be forbidden, unless special permission in writing has been obtained from the Executive Council, to invite or to allow visitors to purchase goods for removal at the time of purchase, the Exhibition being intended for the purpose of display. Orders can be taken within the Exhibition, but the goods must be delivered from establishments outside. Special Regulations will, however, be made with regard to perishable articles manufactured in the Exhibition. 27. No Exhibit or part thereof can be removed before the close of the Exhibition without the special permission of the Executive Council. Exhibits not removed within fifteen days after the close of the Exhibition will be warehoused at the cost and risk of the owners, and whatever may remain after three months will be sold by auction, and the proceeds applied to defray expenses. 28. No goods will be received prior to March 1888 without special permission, nor after 20th April 1885; but prior arrangements may be Date of Reception. made for Motors, Boilers, or any Exhibits requiring under-building. 29. Special care will be required by the Executive Council, who may make special regulations, in cases where Fire or Gas is used by Exhibitors, and responsible officer will be appointed to carry out the injunctions of the Conneil in this respect. Exhibitors will require to effect their own assurance on their Exhibits. 30. No explosives, or any substances which, in the judgment of the Executive are dangerous, will be admitted, but they may be represented by models. Dangerous Substances, 31. Spirite, oils, corrosive substances, and generally all substances which might spoil other articles or inconvenience the public, Spirite, Oils, &c. can only be exhibited in solid and suitable versels. 82. The Executive Council reserve to themselves the right of examining or testing any of the Exhibits. If any damage or injury Torting. Damage caused by Exhibits. shall be occasioned during the Exhibition by any exhibited machine, implement or article, to any visitor or other person, then the Exhibitor to whomesuch machinery, implement, or article may belong, shall be responsible for in the first instance, and shall besides indemnify and hold harmless the said Council from or against all actions, suits, expenses, and claims on account or in respect of any such damage or injury which may be so caused. 33. No article exhibited may be copied, photographed, drawn, or reproduced in any manner without the special permission of the Exhibitor and of the Executive Council. Photography, &c. 34. Passes to the Exhibition will be granted to Exhibitors and to a reasonable number of attendante. If these Passes be used by any but those to whom they are issued, they will be immediately cancelled.

35. The Executive Council reserve to themselves the sole right of compiling and printing a Catalogue of Exhibits, under Regulations which will be duly notified.

36. The right to alter, amend, add to, or cancel any of these Rules, is reserved by the Executive Council.

Right to alter Rules.

37. All who become Exhibitors shall be held by so doing to signify their compliance with the whole of these Regulations together with such other Regulations as the Executive

Council may issue from time to time

38. The Executive Council reserve the right to remove the Exhibits of any one who does not conform to the Regulations.

39. The Executive Council will not be responsible for loss or damage occurring from any cause whatsuever to any Exhibit or other property belonging to any Exhibitor or any other person.

The following are the Headings of the Classification of Exhibits:-

Class L-Agriculture, Horticulture, and Arboriculture.

Class II.—Mining and Metallurge; Minerals; Querrying and Fael.

Class III.—Civil Engineering, Construction, and Architecture; Sanitary Appliances; Aëronauties.

Class IV .- Naval Architecture and Engineering.

Olass V.—Prime Movers and means of Distributing their power; Railway plant.

Class VI.—Machinery; Machine Tools; Hydraulic Machines, and Machines for Baising

Heavy Weights; Elements of Machines; Furnaces.

Class VII .- Road Carriages; Bicycles; Tricycles; Ambulance.

Class VIII .- Cutlery and Ironmongery ; Fire Arms ; Military Weapons.

Class IX.—Heating and Cooking Apparatus.

Class X.—Gas and Illuminants (other than Electricity).

Class XI.—Electricity.

Class XII .- Chemistry and Apparatus, Processes, and Appliances connected with Applied Chemistry and Physics; Philosophical Instruments and Apparatus.

Class XIII .- Food (including Drinks).

Class XIV .- Textile Fabrics; Leather; India-Rubber and Gutta-Percha; Clothing.

Class XV.—Paper; Printing; Book-binding and Stationery.
Class XVI.—Furniture and Decoration; Fancy Goods.
Class XVII.—Pottery and Glass.
Class XVIII.—Jewellery; Clocks, Watches and other Time-keepers.

Class XIX .- Fisheries.

Class XX.—Education and Apparatus for Physical Training. Class XXI.—Music and Musical Instruments.

Classs XXII. - Fine Arts (including Photography, Engraving, &c.). Women's Industries Section.

Artisan Section.

In the Pine Arte Section, Women's Industries Section, and Artisan Section the apare will be given free. In all the other Sections space will be charged for at the rate of '2s. per square foot.

READ ALSO. The following Notification, dated the 122nd April 1887, issued by Messrs. Finlay, Muir & Co. on behalf of the Glasgow Exhibition Executive Council:-

Glasgow International Enhibition.

An International Exhibition will be opened at Glasgow in May 1888, for which speci-

mens of art-exhibits will be received from private exhibitors.

2. Besides articles which will be displayed at the Exhibition during the whole time it is kept open, extra sets of art-manufactures will be accepted for sale and immediate delivery to purchasers. Stale will be opened at the Exhibition for the sale of such articles. The price of articles sold either at the Exhibition or in the stalls will be at once realised and remitted to the exhibitors in India every week or fortnight as it may be found convenient.

3. Articles of inferior workmanship, or articles on which an undue price has been pot-

will not be accepted.

4. Applications for space should be made in the accompanying form before the lat of

July next. If the exhibits are approved, space will be given free.

5. The Exhibition authorities undertake to pay freight of such exhibits from Calcutta, Bombay, or Madras to Glasgow, and the same of unsold articles returned from Glasgow to the abovementioned ports. Inland freight in India must be borne by the exhibitor.

6. All exhibits must be despatched from India before the 1st of January 1888.

The authorities of the Glasgow International Exhibition have, with the permission of the Government of India and the Trustees of the Indian Museum, entrusted the general arrangements of the Indian section of this Exhibition to Mr. T. N. Mukharji, r.t.s., Assistant Curator, Economic and Art Museum, Calcutta, and the collection of exhibits from the different provinces of India, except Madras and Bombay, Committees baving been appointed to look after the representation of these presidencies.

For the whole of India the entire working of the following departments has been left in the hands of Mr. Mukbarji :-

Products (raw, &c., native shops, &c.). Ethnology (Types, Models, &c.). Tes, Coffee, and Cigar rooms.

3. The following are the Committees :-

For Madras-

Dr. G. Bidie, M.B., F.L.e., C.I.S., Surgeon-General with the Government of Madras,

Dr. E. Thurston, L.E.C.P., L.E.C.S., Superintendent, Control Museum.
Mr. E. B. Havell, Principal, School of Art.
Mr. G. Jackson, of Messrs. Gordon, Woodroffe & Co., to whom all communications abould be addressed.

For Bombay

Hon'ble Forbes Adam (Chairman).

Bir Jameetjee Jeejeebhoy.

Mr. Jairazbhoy Peerbhoy.

Varjeevundass Madhawdass.

Hon'ble S. D. Sassoon.

Mr. E. Greenwood, Principal, School of Art.

,, J. Littleton bymous, Messre.) to either of whom all communications should Finlay, Muir & Co. be addressed.

A. Arthur.

For N.-W. Provinces and Oudh—
Mr. A. H. Pirie, Secretary, Provincial Museum, Lucknew.

Baboo Gungadhar Ganguli, Assistant Curator, Provincial Museum, Lucknow.

Por Jaipur and Rajputano

Surgeon-Major T. H. Hendley.

For nengal and the North-West.—All communications should be addressed to Mr. T. N. Mukharji, P.L.S., Assistant Curator, Economic and Art Museum, Calcutta, or to Mr. R. Williamson, of Mesers. Finlay, Mars & Co., Calcutta, who, with Sir Edward Book, Secretary to the Government of India as Chairman, will form a Committee for Bengal.

On behalf of the Glasgow Exhibition Executive Council.

FINLAY, MUIR & Co.

Calcutta, 22nd April 1887.

GLASGOW INTERNATIONAL EXHIBITION.

Form of Application for Space.

	Name of Exhibitor	Address	Details of Beliiite.	Price.	Space required.	BEMARES.
	TABLE OF PARTICIONS					
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Government of Madrus.
Bountay.
Bountay.
North-Western Provinces and Oudh.
Pagisb.
Chief Communicationer of the Central Provinces.
Hurum.
Assam.
Coorg.

Onders.—Ordered that the above papers be published in the Supplement to the Gazette of India for general information, and that a copy he sent to the Local Governments and Administrations noted on the margin for information, with the request that the papers may be published in the Local Gazette.

Ordered also that a copy be forwarded to the Chief Commissioner of Ajmers and Merwara for information, and to the Foreign Department for information and communication to Native States.

information and communication to Native States.

W. R. LAWRENCE,

For Secretary to the Government of India.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 25th June 1887.

Culins Culins Basesgroupe Ba	No.	Pintriot and date of rotars.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
Outsine Outsin	BENGA	L. Waster's Districts.		
Sambrore 38, 97 Sheephoorn 26, 26, 27 Rampore Hand 689 Rampore Hand 699 Ra	7 1	Suideling. June 26, 'Culma Cutwa	1.57	Weather—seasonable, though sultry. Prospects of crops good. Common riabout 28 sears per rupes. Public health good.
Midnesore 35, *87 8-95 8-81 8-85		Sankoora , 35,	87 9:65	Weather—semmable. Transplanting of paddy has commenced in places in the Bishenpore sub-division. Seedlings doing well. Rain much wanted. Publishers.
Bearshis 20,			E-010	A break in the rains. Weather sultry at noon, but sool at night. Henry ra- fell throughout the district during the early part of the week and was great service in permitting the transplantation of assess paddy to be con- pleted. Young vice is coming up well. Sugarcane is a promising on Public health excellent. Prices of feed-grains rising, owing to the mini- interfering with transport.
Conserved Discretes. 8 24-Pergha. June 25, '87 Brill factory. Public health good. 8 Madee	1:	Hooghis , 20,	3:54	Weather—rather drier than usual. All groups and agricultural operations a guing on well. Public beauth good
Weather—hot and cloudy with cocasional showers. Prospects of crops factory. Public health good. Realton. 35, " Realton. 35, " Realton. 199 Receptor. 364 Chandenge. 142 Reameghat. 256 Thendenge. 256 Th		Hawrah , 25,	0.78	Weather—rain early in week, latterly sultry, Break in rains. Assess rice being planted out. Crops growing well.
Weather Charles S. S. S. S. S. S. S. S	,	Cantral Districts.		
Resistance Distance of the content o	1 8	36-Perghan June 26,	87 8:21	Weather-hot and cloudy with occasional showers. Prospects of crops and factory. Public braith good.
Rarial Boursbedabed Lalbeigh Kandi Jungipur - 11 Bisacecore Takkurguen - 25, '85' 18		Rushton Mehorpore	1·19 8·44	tute and engarcane all doing well. Lands are being got reads for any
Randi 1.45 Moorebedated 2.46 Moorebedated 3.26 M	8	Ranachat Chooles	2 38 57 534	
Moorsbedated Lalbagh Kandi Jungipur 11 Dissuscence 12 36, '81 1988 Thakurgassa 12 508 13 Bissuscence 13 5, '87 1988 Thakurgassa 13 1988 Thakurgassa 14 1988 Thakurgassa 15 1988 Thakurgassa 16 1988 Thakurgassa 16 1988 Thakurgassa 18 1988 Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurgassa Thakurga	9	Jhenidah Magurah	6°21 1'89 2'06	
Binacecore 35, '81 12:98 12	10	Moorebedabad ,, 26 Lalbagh Kandi	87 8·16 2·90 4·09	Weather-very hot; cloudy at intervals. Amon paddy is still being sou Jute and sugarcans progressing. Public health good.
Nature Nowyong Rangpore Style Rangpore Rolling	- 12	Dinamente " 35, Thakurguen	16:57	Heavy and continuous rein. Heavy rain and floods have caused some dame to the distinuous in the distinuous is being sown.
Rungpore 35, 8 911 6-76 Rilphemari Living 25, 87 4-60 Sherper 25, 87 4-60 Sherper 325, 87 4-60 Sherper 325, 87 4-60 Sherper 325, 87 4-60 Sherper 325, 87 4-60 Sherper 325, 87 4-60 Sherper 325, 87 4-60 Sherper 325, 87 4-60 Sherper 325, 87 4-60 Pubba 35, 87 4-60 Dargesing 35, 87 4-60 Dargesing 35, 87 4-60 Dargesing 35, 87 4-60 Dargesing 35, 87 4-60 Dargesing 35, 87 4-60 Dargesing 35, 87 4-60 Dargesing 35, 87 4-60 Dargesing 36, 87 4-60 Dargesing 36, 87 4-60 Dargesing 36, 87 4-60 Dargesing 36, 87 4-76 Madaripore 36, 87 4-76 Madaripore 36, 87 4-76 Sherper 46, 88 4-60 Report not received Weather—seasonable. State and prospects of crops good. Public Choicen has absted and in places has disappeared. Report not received Weather—seasonable. State and prospects of crops good. Public Choicen has absted and in places has disappeared. Weather—seasonable. State and prospects of crops good. Public State and prospects of crops good. Public Choicen has absted and in places has disappeared. Weather—seasonable. State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. Public State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. Public good. Weather—seasonable. State and prospects of crops good. General good. Weather—seasonable. State and prospects of crops good. General good. Weather—seasonable.	13	Rajanausa 25.	3-98	jute and augurence doing fairly well. Public health-generally good.
Pubbs 25, 87 25, 88 1-23 8-50 Darpening 25, 88 1-25 9-84 12-50 Darpening 25, 88 1-25 9-84 12-50 Darpening 25, 88 1-25 9-84 12-50 Darpening 25, 88 1-25 9-84 12-50 Darpening 25, 88 1-25 9-84 12-50 Darpening 25, 88 1-25 9-84 12-50 Restore Districts. Dasse 1-25 9-84 12-50 Report on reactived 25-85 1-2-78 Management 3-25, 87 2-78 Menther—samestable. State and prospects of crops good. Public good. Dasse 1-25 9-85 1-2-78 Menther—samestable. State and prospects of crops good. Public good. Dasse 1-25 9-85 1-2-78 Menther—samestable. State and prospects of crops good. Public good. Menther—tensestable. State and prospects of crops good. Public good. Menther—tensestable. State and prospects of crops good. Public good. Menther—tot and sainy. Cultivation of amon in progress. Goods. Weather—cloudy and cod. Money 1-25 and divers rising. Prospects of goods.	18	Rungpore " 26, Gnibenda	9 11 8-74 13-12	Crops generally good except in low lands, where ess and jute crops suffered some extent. Health of the district improving.
Pubbs - 26, '8' 1-28 8-50 9-8t 1-28 8-50 9-8t 1-25 9-8t	10	Begra " 25,	87 4 60	Weather—cloudy with heavy rain during every day except 24th and 25th at times very close and warm. Pleughing for ones still going and sowings have already commenced. Heavy rain has done considered days are to crops. Public books thir.
Lawards the and. All crops inve suffered more or loss from too much Jute is n t a good crop, and the early rice has also suffered, but not see Choises has absorbed and in places has disappeared. Report not received. Report not received. Weather—issueshable. State and prospects of crops good. Public good. Sincastrungs at 35, '87 2.75 Weather—hot and rainy. Cultivation of amone in progress. General good. Weather—cloudy and cod. Heavy race and civer rising. Prospects of	18	Persignings Darjoeing " 25,	8° 9.84	Seasonable rain Prospects of crops good. General health good. Min rising rapidly. Weather—seasonable. State and prospects of crops fair. Heave and continuous rain during the greater part of the work. Sight bro
Report out received 19 Forceastore June 25, '87 2.78 Weather—seasonable. State and prospects of crops good. Public good. 20 Becauseings a 25, '87 2.75 Weather—hot and rainy. Cultivation of sman in progress. Contrat good. 21 Manuscript , 24, '87 8-82 Weather—cloudy and cod. Heavy race and diversarising. Prospects of	- 12	Tuthisotes H -	II Trino	towards the and. All crops have suffered more or less from too much a Jute is a t a good crop, and the early rice has also suffered, but not serious
Torrescourse June 25, '87 2.78 Weather—seasonable. State and prospects of crops good. Public good. 10 Successful as 25, '87 2.75 Weather—hot and rainy. Cultivation of sman in progress. General good. 21 M. manuagh , 24, '87 8-82 Weather—cloudy and cod. Heavy tage and liver rising. Prospects of		Rastore Districts.		
21 M mountagh ,, 24, 87 6-82 Newton Country and Com.		Deces 0	******	Report not received
21 Min mountagh ,, 24, 87 6-82 Newthor-county and com	11	2 112 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10-07	
21 M. mountingh ,, 24, 67 6-82 West har country and contract	100	(incastgungs 25,	187 2:75	Wanther-hot and rainy. Cultivation of smess in progress. Contrat her good,
Kunoreguage 5/20		Jamalpur Kanor-gunge	8/91 5/20	good.

	No.	District and		of	Rainfall at Sudder Station in inches,	
BE	ong.▲	L-contd.				
		Eastern District	da—co	ntd.		
	- 22	Oblitagong, J	une 28	. '87	4:11	Weather-sessonable. Prospects fair. Transplanting continues Print
Curtrabure Dive.	23 24 25	Noakhaliv Feuny Tippstab Brahmunbari Chandpur	,, 24 ,, 23 jalı ,, 29	. '87	4-64 6-26 4-65 5-22 2-83 4-92	Weather—seasonable. Prospects fair. Transplanting continues. Price steady. Cholera still lingers, but public health good. Weather—generally rainy and coals fain has done much good to any plant. More rain wanted. Public health fair. Weather—quite seasonable. State and prospects of crops could not be better. Public health generally good. Weather—cloudy and valvey throughout the week. Ploughing for late rice still continues. Young publy and cotton in jumes doing well. Pever prevaled
- Car		Hill Tipperak	н 22	2 87	4.79	well. Prespects of jum crops fair. Public health good.
BE	HAR					
	, 26	Patne, Jo	nne 20	, '87	1.95	Weather-raing and hot alternately. Sowing of bhader in full progress. State
	87	Gy.	, 2	5 "	9.63	the Belier and Earli sub-divisions. Prospects excellent. Cholers still reported from the Belier and Earli sub-divisions. Wouther -cloudy for the most part of the week. Marka is being transplants
		Shababad	2	5	8:47	and paddy sown Fever and cholera reported from almost all the atation and amali-pox from some.
	38	Buxar	**	**	8:24	Weather cloudy generally. Sowing of bhadol in progress. Sugarcane doin well. Chotera reported from the inturior. Privis stationary
PATER DITE.	/ #9	Tajpur Madhubani	., 2	b 6	8:76 4:12 4:42	Weather—boglaming of the week rainy. Prospects of early one continue favou- able. Bhador sowings in progress. Indigo prispects promising, but the has been too much rain and some fine weather is now wanted. Price of ri- averages 21 seers per ruper. Cheden still reported from the Tajpor mandhubani sub-divisions, especially in the latter, also in the town.
	#0	MoznBarpora Hajipur Sitamarhi	, 2f	i, '87	8·69 3·17 3·99	Durblungs. Weather—rainy and bright alternately. Prospects of the continue excellent above soming in full swing all over the district. Ludigo and other standing crops promise well. Cholera still lingues in the district, but failuting now; public health otherwise good.
	81	Sewan	, Z	5 ,,	2:85	Weather—rainy with accusional sunshme; wind variable. Prospects of cre- continue good. Sparadio cases of cholera still reported.
	88	Gejalgunge Chumperan Bettinb	., 28	5 p1	5:09 9:17 4:08	Weather—very het with cloudy nights. Transplanting of paddy has beg- on low hands. Bhadoi sowings going on vigorandy. Prospects of stand crops favourable. Mabni of indigo has communed. Samber of dear- from cholera still high; but certainly decreasing. Prices continue a tionary.
Lu-	88	Beganeral	ne 2 5,	'87	5:29	Weather-damp and sultry. Rain falling almost every day, Rivers risis Prospects of crops continue invocable. Sowings of bhadoi and win-
DIVE.	84	Jamui Banguluore Banka Madahpoora	n 2f	49	2:70 5:64 5:09 8:69 8:25	rice still going on. Cholers abating, but lingers in places. Weather—scarcely sessionable. Frequent thander-storms. Rain too much bhadoi crops and ladigo; notch of the latter just in the north. Scinne weather now wanted. Transplanting in progress. Public health proving.
BEAGUSFORE	115	Parnenh Kishingunge	. 2	5	5.81 10.86	Weather-rainy. Crops are generally doing well except ladige. June is much have suffered from excessive rain, and agricultural operations are impro-
BEAR	26	Maidah Chanchal	,. 3	5 ,,	0.00 3.97 7.78	by the same cause Weather—sultry and miny. Bhadei crops doing well. Common rice willing 22 seers per rupes. Public health good.
	a7	Shibgunge Snahaai Pergus, Deoghur Godda Jamtara Pakter Rajuagal	, <u>2</u> (3:29 2:61 3:55 2:36 1:78 2:60 4:25	Alternate clouds and rain with thunder and gusts of wind. Paddy springin. well. Ladian-core being sown. Into a being sown in Rajmehal. Sugaras doing well. Prospects good. Public health good.
OH	185A.	e radionalism		.,,		
	18	Cathers, Je	19 0- 3 6	l ₄ 87	1.84	Weather—hot and cloudy with showers of min at times. Sowing of significant coming up in many places and doing well. Common rice at 18t score per rupes in town and 20 to 24 secretar interior. Public to a generally good, except that sporadic cases of cholses are reported in the divisions. Rivers have slightly rises.
URIMA DAVE.	40	Pooree Khoorda Hatasos v	, 24	414	0.65 2.40 1.14	Weather—hot and shudy. Sowing of savad crop progressing. Prices at a save of cholers and samil-pox reported from the mofusall. Weather—hot and cloudy. Sowing of paddy going on. Plants doing A few cases of cholers reported; public health otherwise good.

No.	District a	nd das	te of		Rainfall at Sudder Station in inb. ces	Character of the weather, state and prospects of the crops, and
HOTA	NAGPORS.					,
bouth	- What Printies	29 m	Hr.		1	
41	Basselbage,	Jane	24,	187	1.99	Weather-seasonable. Samahine and ahowers. Apricultural operations in furning. Prospects of all crops good. Cases of cholets reported from severe thanks, otherwise general health good.
4.2	Loberdages Palamow	-	25	12	3 93 2 52	Weather semonthie; but Alternate sunstine and rain during the west Ploughing and sowing still continue. Prices steady. Once of choices an amali-nor reported; general health otherwise good.
48	Alagbuodin	***	21	10	4-87	Weather eccountie. Ample rain in all parts. Prospects of crops excellent Public health good except in Scraikella, where three cases of choler reported.
44	Nonbhoum Govindpur	11	=		1:66	Weather—seasonable. Rain in every part of the district except in Ichagine and Herebroom themas. Ploughing and sowing going on. Sugarcane promising. Public health good.

Published for general information.

CALCUTTA, REVENUE DRFT.;
The 28th June 1887.

P. NOLAN, Sucy. to the Govt. of Bengal,

ollowing Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior - during the month of January 1887.

IMPORTS INTO CALCUTTA.

			FOO	D-GRYIN	항,			Piskovs l'	RODBCES.	Orta	SEEDIL.				SU	GAR.	Ton	AECO.
mperied.	Bron	AND PA	DDY.	WITH	Gram	Other			Ognuy-		Musterd-	Ton.	Cotton,	Bilk,		Un-	Bla-	Other
	Rice.	Paddy.	Total tim rice).	Wheat,	Buid pulses.	fuksil- perigizan,	Total,	Jinto, ruw.	THUM.	Linseed.	need.				Directioned	dreined.	path.	kindi
(IAL)	M da.	Mita.	Mda.	Mdr.	Mdn.	M da.	Mila	M da.	No.	Maln.	M.ds.	Mds.	Mds.	Mds,	Mds.	Mds.	M du,	Mda.
	2,21,655	0,765	2,26,071	1,984	3,887	90	2,29,789		10,920	1,220	41	94	ndian.	81		Marrie .		24
III m	1,82,73)	81,449	1,82,733 9,82,741	162	21 78	A	1,82,754 8,82,949	24	5,740	439	885	784747	67	366 508	*****	148		*****
E 181	481.6134	6,604	87,897	2,100	627	1,000	91,437	83,660	MH1,532	Jr * F3 - P4 1	1948	1. 1	1.071	7	20.900	1,516	44.0	8, 21
Carlin or I	4,18,008 15,141	8,607	17,408	D,676	9,083	1,167	4,52,400 70,402	20,605	10,515	4,839	**************************************	450	135	118	14,677 Had	5,64p	12.0	4,8
11 mar	SHu, HR	12,504	29,400		Sun		80,100	2.5%0	70	#4000g	- 11	117115		10.0414		10,03	111	31
- cylin	521,900 27,001	18,615	37,061	7,868	7,869	1,940	54,124	26,624 1,660	1,400	3,681	1,000	ia Lid	*	090		3,786	-4+	3140
abad A	10,798	141	30,7911	4.00 000	*****	141418	14,790	48,515	94,800	1 - 160	4 14 11 1		11	F *# 22		191788	1, 1	
5 mm - 44 m	7,852 488	107 9 88	8,814	1,006	7,325	5	11,620	1,00.291	05,900	2,054	*4****		700	-0194-	121210		1 h h	4,70
	8,79,9	1,670	0.080	445401	s 114	.,	9,680	20,307	464,170	481.44		District	101011	1444		18.011	15.5	and .
111 101	2,418	*** ***	1,438	79	6,639	4+1+1	8,130	2,31,880	217,085	14.618	\$105	20a		44411				*****
E com all all all all all all all all all al	at the			1171H	******	111111		80,186	71.11	******		4.427		. 1 0	100140			1
***	25,010	400	2,154 28,260	100 100	465	*****	2,427	2,33,763	103	201		347	1,083	401		3-1	111	*-+-4
TER SAL	8,08,160	2290	8,0%, 294	100	10,107	199188	54.237 5,08,524	2,670		200	1 100 1	Child	,		101-41	1 111111	19.7	*1***
alp in	750	*51#18	750	4.1557	166		1+4	1,11,161		141101	041 7		200			4 5115	***	H4 = h =
	*****	*****	11711	771110	1011.3	111111	780	449-44	1110000		044	1962	1150	111.4	10410	******		440.0
C v pt 104	19,101	200	70,886		1 84 6	ra	19,9801				.4		1,Uan	- None	-48 - 4-	44 5444		*****
Bengal	£1,75,985	1,38,978	11,60,719	24,090	83,949	8,697	23,75,305	11,51,402	1,771,847	14,664	4,889	B,431	14,6817	1,986	10,395	06,137	-41	21,0
AR.	1,599		1,580	80.098	60,306	18,810	1,50,468	*****	805	70,413	2,050		21	IN	677	1,552		8,73
	245	14 = 00	3:15	16,819	111111	278.111	16,835			6,589	1881		1 2	2	747	00/	414	1
.11 197	11111	14400	210	20,002	19,879 300	405	924	034391	280	10,010	800	18198		-01414	14.7	9,501	107	41111
OPO der	A. 1811	451385	11778	8,214	70		B, 2HB	010 11 1 044011	A,910	보염, 네시리	13,846		891115	1	974	1+4++4		
711 140 [st 711	******	2 4 4 4 5	414184	7,007	1,823	,	2.5%7 8,285	h P#111*	ina i	1,752	8.4a i	1	10110	14	441497	*****	160	***
7-0 00-	1298	19.1444	296	15,492	10,301	11130	21,235	014 114	1880	6,378	6,700	144 14		10000	181444	531	10.0	81
PR	27U		270	1,400	3,778	18,606	5,294 5,294	3,410	210	5.521 484	11,840			11	71111	hd 8= p)	114	1,11
444 ***	14441	4000 0		8,237	1,026	272	4,533	0,440		275	429	20 818	181177	181194	111111	*****	164	1,7
Parigum-	7,887	144.44	B,86%	7,511	6,100	2,080	24,591	10 1 d n dr 4	526	1,239	0,441			11+		-++	***	
Behar	11,534	h ha 78 >	11,534	2,85,806	85,6GD	31,685	3,15,032	10,003	10,020	1,43,027	67,801	114	2-1	146	1,000	4,940	1	0,80
ADS	1,200		1,250				3 810							1 111414	1			** 4 > 0
PFE 417	67,434	24,528	73,764	01 114	181	445-44	72,916	4,647	3,400	Fpt. 8	*****			F 1-4 1-1				4.818
Orinta	88,684	26,528	74,016	*1*1-4	151	471111	74,165	4,647	8,400	ka1141		44		101714	11	181+44		w
AGPORE.																		
gh	969	######################################	95%		274 640	20.00	274 1,496	914111	350 350	harres	111111	186	11	928	111111	6	141	484.4
- Chots	864		989	818191	480	509110	1,772	849941	300	441414	*****	124	1	303		-0		
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wander	99 46 744	7 50 700	99 AH 010	E 00: 00-	h m	44 444		47 64 541	1 WHE OWN	1 57 001	-61,861	0,845	9,612	2,424	11,995	69,082		7
of hen-	88,40,400	1,00,000	23,47,219	N-AN-UND	1,71,880	36,370	27,04,384	11,86,192	T1400F200 F	1,87,008	· vajem							1
A. of Supreme			-		-													
OTTHONO	400		800				0.00	4	125		1,350	31,218	1,559	14	*****	berdie .) H4	
Mary Pro-	*****	109144	H1-H	1,45,707	30,001	1,817	1,78,125	8,088	420	58,082	27,611	689	1,86,635	11	67	997	191	4914
ad Oudk,	La		12									194	14,070	17410	pape 110	arrala	.,.	
Withorn	410-914	00111	12	101111	4,068	******	4,977	100 0 4 D F	70	1.740 6,954	41.444	00/111	0,785	,,	111+11	100317	411 1	MII
Statos	4 04 M P	****	544 · MP	The+III	* 4 > *	1	1	41 744		*****	414114	# # # # # # # # # # # # # # # # # # #	0,270	8 40 00 0 6 84 P 1 0	12		611	41134
418	20	400000	11171	7 24 40 D	78	*******	96	4>114+		14	fraph.		106 488	10	8'88T	*** ***		
TELL	941 014	465	pattus	HITH	197***	*** **	P91144	**************************************	*****	>11464	141844	411.41	968	47	17,463	17,834	141	99 4g
1	31	Indite	41.	P1F+F1	. 10	383	854	h+++1	7,700	171 4+				14777	1	86,704		-
	EE AD DO A	6 AH 6/58 I	28,48,062	8,65,609	3,07,534	\$7,681	29,46,009	11,00,120	1,784,832	1,21,802	91,032	88,186	2,05,65%	3,600	23,632	doltali	+1+	25,3
	92,40,916 95,80,178	1,08,000	maineland	alantana	mintings.	ALPROX.		w although methy	dide. strang.				1,84,541	2,115	14,340	77,888	1,846	29,0

One maund of paddy is equivalent to \$5 seems of rice, | + Rantuaive of hage obtained by local manufacture,

The Sea-borne Trade of Calcutta in these Staples during the month of January 1887, was as follows:-

(1886	15,11,888	- 1	L5,11,240	80,615	81,408	1,510	10,76,634	15,35,974		1,20,669	14,168	67,787	1,15,485	978	9,841	661		81,11
Xal 1867	27,17,174		18,41,662	3,97,419	1,21,386	10,947	23,71,163	120,15,0	14,004,842	2,24,568	17,693	80,440	1,28,630	1,001	3,005	1,077	ht :	10,58
· · · · · · · ·	10,70,076	1,82,791	11,54,029	5,95,901	78,892	0,081	16,09,116	8,50,780	0,000,085	2,28,648	17,006	85,027	8,59,671	(694	541	parell		47
Poreigh	10,70,676	*****	10,70,676	1,62,050	87,190	0,903	13,77,019	9,25,740	9,401,386	9,989	4,299	9,198	1,07,509	7(38	410	*****		42
Kingion Foreign		1,80 794	1,14,940	1,34,140	36,523	241700	8,84,714	6,38,090	540,500	2,15,679	9,544	82,845	71,002	180	#1	Miles	411	H10 101
Inter-	4,46,499	16,006	4,50,859	618	47,814	3,964	7,08,907	1,164	4,095,157	4000-4	27	1,416	20	198	3,632	1,677	194	10,00
Hirty	design terran	414111	4	355 123	1,608	48	8,016 123	Ann 14 Abane	\$07,800 18,600	184114	411111	1	18	40/774	1,685	1,693	21 A	1,3
Burmah Indian	3,85,600 3,211	10,877	3,40,088	96r	6,844 10,579	3,506	1,46,895 17,895	980	399,900 1,418,857	99-01th	*************	206	1.0	6	390	885	914 911	4,42
ports in	0,429 4	8,750	9,098	## 1 PP ## 1 P	26,001	808	9,033	*****	84,860 163,500	10.7.74 100.000	++++++ pp===#	1.d	******	100	11	869-31	444	***
h parte,	4,04,955	34	4,04,974	21598	9,085	67	4,07,019	195	1,705,700	fem. es	****	1,181		411484	699		411	A _{ret}
TYL-																		

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of January 1887.

IMPORTS INTO CALCUTTA.

		Po	OD-GRAU	16.		FIBROUB	PRODUCTS.	Olice	nudd.				917	GAR.
EpeciptoATION OF Eoutra	Bioc.	Paddy.	Wheat,	Grans and pubes.	Cities food- granhii.	Juic,	ցարոչ- Խպր.	Linecod,	Musterá east.	Tea, Indian,	Ontton,	Bilk.	Drain- ed.	Un. drained,
	Mds.	Mds.	Mds.	Mda.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mdu.	35 da.	Mds.	Mrts.
By country boats , river steamers (East Indian	10,79,607 17,6544 8,67,890	1,43,928 841 1,912	87,460 793 8,15,061	91,841 6,548 89,482	14,2:17 20,861	4,16,385 8,61,863	20,895	23,286 7,199 1,89,369	34,459 1,987 56,896	47,693 642	7,787 3,448 1,88,281	261 199 1,470	1945 195 1,816	16,437 8,929
Batern Rengal	\$8,047	3,870	1,091	27,936	41154	4,10,140	804,510	2,009	nat	8,745	749	513	246	0, m7
xond in the contract of	02,605 63,365	9,777 1,478	808	\$ 40 \$ 556	293	78,688 5,514	7,700	14	940	618	90 S		9,642	29,845 17,834
Frand total of (1987	22,49,016	1,49,506	8,55,802	2,07,584	81,481	11,60,995	1,704,834	2,21,609	81,023	58,1ko	2,04,422	2,500	23,682	86,700
January (1886	25,39,178	1,22,102	2,07,540	2,00,337	20,535	13,80,285	2,643,649	72,091	79,365	83,004	1,84,541	2,115	14,240	77,556

The following Statement shows the Values. Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of January 1887.

EXPORTS PROM CALUUTTA.

	Catton piec	se-proods.	Cotton t	wist.		Gunny-		Cotton pie	co-goods.	Corton	I wist,		1
Whither experted.	Епториял.	Indian.	European.	Indian.	Salt.	hegs.	Whither exported,	Buro- pens.	Indian.	Euro- peart.	Indian	Salt,	G
				20.1	B4 4	57.	CHOTA NAGPORE.	Ra,	Ra.	Mdu.	Mds.	Mds.	Ī
BRNGAL	Rs.	Rai.	Mds.	Mds.	Mds.	No.	Hazarrebagh	46,879	11,830		224	0,318	
nedwan	2,11,257	.4	Erâ-b	1,265	37.325	152,443	Manbhoom	48,761	141 15	40	1,027	11,518	
erthoom	1,00,00	444 ***	851	311	3,100	920 525	Total of Chots Nagpure	\$6,034	2,530	40	1 401.7	No.	-
· · · oruginabi	2,10,896	7	3.147	Ž1	33,2214	78,382	Total of exists todiforte iv		2,000	40	1,251	10,782	j
soghly	1.70.189	5,772	738		12,000	\$41,600	Grand Total of ampplies						, "
Pergunnals	5,03,464	6,567	1,231	100011	\$1,000	17.384	into the provinces under (
nddes -	48,750	155484	55		7.774	1,400	the Lieutenant Gover-	67,02,785	#1,01P	191978	6,804	6,05,010	1
HAULTO	96,821		DISI		25,055	2,330	mor of Bungal,						
nirshedabad	43,542	1	100	15	13,101	20,457	OTHER PROVINCES.						-
HEREPOTH	1,27,516		155		buildet	25,170							
schulayo .	7,390,645		133		14,509	960,8	Assum	1,81,222		P.5	******	81,644	
ngpore	2,64,748	0.000	277	,	7,618	980	North-Wostern Provinces						
RT%	1,81,154		13.4	41-14	8,709	24,430	and Outh	34,08,340	d,160	2,651	635	35,121	1
ona, · ·	1 (1: 04)	nu b	2045	*** ***	5 5,027 400 ±	805	Central Pravinces	6,76,110	830	200-8	-11-11	1	
godine -	36,477	060	5 4		12,326	3898, f 0Ee	11 1 15.	42,964	1011010	1487	1.0	ale pro-	ı
pigute0	6.57.06U	-, ->	1,782	47	63,057	43(1	Bombay	1,850	220		1.0	Ibvisi	į
BOIL .	8,24,278		(300)		20,014	2,530	Maden	74,658	11.1441	1,685	******	10-4181	
rrecipore	86,027	144184	2.4	10411	43,075	4	Nizam's Territory	120	*****	91	1 - 10	48.8181	
	09,960	111191	10	4 6186	43,075		Bern'	126	890		1 - 10	240104	
Menup	Ob Itaon	161.11		*** 194	4-2-5		Pondisherry	41112		18711			
it tourning	65,726	4	134	111.71	5414)	77,030	British Buroish	2,09,032	విద	746	1.147;	*** **	
akboliy	13,193	*****	200		5,310	* ***	Other places	12,065	8,161		1,484	491	
Total of Bengal	33,5-9,705	11,900	11,737	1,653	4,53,070	094,025	Grand Total of 1887	94,40,096	30,046	22.184	.B. 5250	7,82,199	Ī
201111111111111111111111111111111111111	1001.001.00		1110				Exports in }	1,24,11,958	-	11,464	1	7,42,101	
BRHAR.							***************************************	(heaterleas)	1607101	ZZ, NOA	101000	1 6 dept 200 v	
tha.	4,59,585	440	119	8 221	ps.065	186,317	The Sea-horne Trade of	Caloutta i	n Chase Si	tapler di	oring th	s meanth	Ę
B	1,00,462	2,490	5-6	444	14,500	844,1220	1987 was as follows:-						
nita brail	2,27,934		2	100	16,204	17,815		1		1	1		
sufferpore	ng.RT4	421	4	18	2,707	1,750	IMPORTED INTO CALGUETA-	Ra,	Ba.	Michs.	Mds.	Midnig	
rhituage	2,52,741	1 010	1	0.77	21,846	25,528	Prom Foreign Ports-						
un	0.747.000	1.810	1	471 25	4,000	16.695	United Kingdom	78,59,700	*****	12,134		8,89,150	
mparus	H4_957	2,630	â7 (806	21,782	21,095	Other Foreign ports	3,40,900	+1 v= +* .	1411		2,3J,M0	
nguypore	1,81,217	11- 11	43	1(8)	21,046	61,700	Date Lad Standard Davids	he and anno		1 10 447 41		0.00.440	ī
nenti	96,861	V 10 10 11	363	250	0.481	1,485	Total of Foreign Trade	77,36,759	and been	12,254		4,02,443	
h Luch		111111	10.4412	10.00	18,280	2,400		,					
thai Pergunnaha	2,46,510	290	137	01/7	23,000	62,605	From Indian Ports-			1		1	
							Bombay	20, \$90	84,325		6,838	41,414	
Intal of Behar	21,57,086	6,490 (06GJ	3,485	1,24,160	516,845	Madras	BAB.	7,387	11			
4		-					British Burmah	1,028	5±01	1141		*****	
		1		1			Other Indian porta		(SUI)	181	***	410111	
£ 1000 m													-
CPRIDEA.						7,300	Total of Interportal Trade	21,877	42'21X	19	0,5350	61,414	
				\$4×5	71.000		A A M-4-3-4 9 4 10-0	44.00.000	415 43 4				П
tanek	1 ES 966	874 184		0.415								A 45 35 50	
Ltnek	1,15,860	4 6 7 1 6 7	B00,6	848	11,684	222,060	Grand Total of 1m- (1887	78,20,076	45,412	12,873)	0,338	0, 63,854° 7, 35, 363	
	1,15,860			#KID -	11,624	230,160	ports in January 1 1886	76,20,075	74,031	10,275	6,338 16,058	7,35,263	

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic experted Calcutta during the month of January 1887.

0	COTTON PIE	OE-GOODS,	COTTON T	WARD.	Balt,	Suppy-
Specification of Routes.	European.	Indian.	Buropean.	Indian.	Darte,	
	Wa.	Be,	Mds.	Mds.	Mde.	N
country boats Fiver atesmers Fall (East Indian Railveny Pond (Eastern Bengal State Bailway) Pond (Eastern Bengal State Bailway)	9, F1, 342 5, 45, 679 67, 14, 496 11, 40, 141 2, 24, 151 4, 719, 955	4,300 15,840 3,195 6,699 8,296	8,845 1,000 5,948 6,477 590 8,014	141 0,751	3,03,129 20,682 2,40,630 51,800 4,100 31,634	100
Grand Total of Exports in January {1887	\$1,40,006 1,34,11,33\$	30,043 1,96,167	29,144 21,481	9,890 10,568	7,84,170 2,48,103	15.

STATISTICAL DEPARTMENT, The 23rd June 1887. P. Nolan, Secretary to the Good, of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 19th to 25th June 1887.

	İ		bright.	To be did	1	HKPAN	ATTER.			Archa	Marar		Wind.			
Month.	Unite.	Marinam in one.	Number of bours of	Maan presents beremeer' at 62" Fabr.	Mesn,	Marson.	Range.	M'eisa.	Mean wet bulb,	Vapene temelun.	Dew point,	Humidity.	tvavalling direction.	Miles recenied.	Hain .	weathin.
887.		0		Lindhon.	0	0	0	0.	0	Inner	0	1%			Inches.	
npo	1.0\$11	150 5	2:4	29:470	82-0	58-3	10-9	77-4	79.1	0.957	77:9	88	SW by S and ENE	93	2.79	Cloudy, or ft. P.
V.	20th	143 5	2.1	-204	82.0	85.2	8.4	77-1	79-0	.841	77:7	87	BSW and 8	198	0.08	Cloudy, o, g
	21at	103.7	1.9	1585	82-0	80.7	8:5	78:2	79-0	-974	7814	87	SSW and S	164	0.07	Chiofiy cloudy,
.	22nd	156-5	43	-605	84.7	89.8	10.0	79:8	80.6	-993	79-0		ssw	209	Nil	Partially
, ,	23rd	125-5	1-8	-618	84-3	87:5	7-3	80.8	80-7	1.003	79-8	85	SSW and S	157	7.1	Chlotly chaids
	24th	152-5	3.6	-6 08	84:0	89 7	B+6 1	80-1	80.0	0.900	78-0	83	ssw	180	19	Chiefy cloudy,
	25th	158-2	9-1	•674	85:2	97:3	129	784	79 9	952	77:7	79	8 by W and 88W	157	"	Partially cloudy.

			Inches
The mean pressure of the seven days The average pressure of the corresponding period for 24 years,	S. G.'s Office	101	29·590 29·525
The total number of hours of bright snushine	4 181	101	Hours. * 25.2
The maximum possible number of hours of sunshine	***	4414	84.4
	*		C
The mean temperature of the seven days		111	83.7
The average temperature of the corresponding period for 24 year	rs, S. G.'s Office	***	84.4
The extreme variation of temperature	101	+= 4	14:2
The maximum temperature	A III b	101	91.3
The highest velocity of the wind in one hour	14 141		10 llen.
			Пон.
The highest pressure of wind on one square (oot	**	**4	3
The mean relative humidity of the corresponding period for 2	6 venes. N. G./n (166)	100	85 84
	. ,	0.00 - 40	
The total fall of rain from 19th to 25th June 1887	***	100	Inches. 2.94
The average fall of the corresponding period for 24 years, S. G.	'a Office	day till	3.03
The total fall from 1st January to 25th June 1887	***	400	16.80
The average fall of the corresponding period for 24 years, S. G	.'a Office	101	19:45

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph. The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet

above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 26, formerly at the Surveyor-General's Office.

The bygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Material and Level on Respective medicants are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's azemograph.

The month of the rain-gauge is one foot above the ground.

o overcast, g gloomy, t thunder, d drizzling rain, p passing temporary showers, < lightning, a dew. e solar corona.

A. PEDGER,

For Offg. Meteorological Reporter to the Goot, of India.

MRTEGROCOGICAL OFFICE, INDIA: Calcutto, the 27th June 1887.

Meteorological Report of the Province of Benga

44					ter			Mes	-	-			, n-	M. S.Pridows or				
3						RTRIMAT		Wil				A- 1	T	HMPRS	ATURE.			
REITOROPORTER DIVISION	Distri	OT.		Bepresentative station.	Meso barometric bright, 10 a. E.	Meng reduced to	Taristina from musa.	Prevailing direc- tion.	Bean wind relo-	Highest during week.	Date.	Lowest during week	1746		Hean maximum temperature,	Mean tulpingue temperature of week.	Mean daily tem- persture of week.	Variation from normal mean
			-	Grosipore	101 1907	ZH'037	+:028	88W	260	109*9	19th June	77*8		June	87 11	80-7	84:1	
-	Poores	197	}						2171							di 1	G\$.T	4.0
	40		(False Point	EB-R34	20:050	+ 1047	86W	350	02.2	1805	74-6	10th,	SWh.	84.8	78.0	63.6	-17
OKINE	Cuettack	* 4 >	***	Cuttuck	호마·67H	80.498	+ '059	Variable	72	86.4	18th	7418	got h	**	9813	7916	85'6	-1"
l	Bulasore	++1		Balasore	29/576	197 (214	+ 100%	WB	155	P715	JRth 14	76'7	23rd	Zolli. Juno.	9015	78'5	B4*4	+15
ſ	South-West Mi		- 7	Sauger Island	201613	20.030	+1085	8, 86W	877	9817	18th ,	34 51	23rd		8914*	79:51	86'0"	-01
1	Smith 34-Pergu			Midnapore	201470	ers-80 r			7 0-7161	6/J W	* O. b.	24.0	wart.					
	Midnapore	144]	илимерска	301, 403.0	20.02;	+ .014	P	1169	90.3	18th o	76'3	324(h	p.11	M 7	77'%	84.6	+0
1	Howard	461	}	Onlosstin	20'597	20°01 p	—*007	BHW	154	0215	18:h	7418	18th	11	118-13	7816	6814	
DERMINE.	Hooghly	416]					11.11.						,,		100	7743 4	-11
	Bardwan	e94	**	Burdwan	\$0°516	\$2140) (E	+ '03 6	lš.	149	9516	isth, inh	77:4	21 at	4.6	02'0	76:7	85'6	-61
	Bankoorn	101	***	Bankoora	20.540	100	_	Variable /	30189	95"	19th 24th	77'6	201.b		91.7	70:4	85.2	-01
BOUTEL	Beerbhoom	10-1	7	D	DO-MARC 1			Decree		44-1	Juses.	land of	2012	June.				
200	Wort Burdwan		5	Baneogungo	39-588	_	4-1069	South westerly.	141-6	9615	191h .,	76%	19th))	02 I	7813	85'1	-21
9	Moornhedabad	+4=	14.	Berhampore	201648	29:615	+ 1020	8876	11976	11373	19th .,	77'8	2154	9.6	8.08	76'4	8418	-11
1	Nuddes	449	10-	Krishnaghur	20 660	-		25	11778	93 8	18th - H	32.8	THEP	15	1/014	7811	04/3	-
	Jewore	***	}	Jensore	29'1105	20'638	+1024	sw .	100%	9218	23rd	77'0	INCP		9310	7912	04'6	
1	Khoolon	44.1)									, ,				10.4	011.0	+01
ſ	Chimagong	667		Chiftagong	\$P*69.6	99:714	+,020	SE, SSE	143		- 10th n	75'6	18th	14	80-2	77:a	81.8	+0"
Ì	Chittagong Hill	Truc	yth	Demagiri	T 19 660	min.du?ul	17:114	_			ot resoived.	81-0	1					
ď	Backergunge	*81	***	ar N	5 14321	20'674	+ '094 -	8	7014	8916	19th June		Isth	3.5	8710	70.9	91'B	7
	Nonkholly	107	4	Purroedpare		20.034	-1-7041	Southerly SSE	152'6	8975	19th	70-0	200	"	87°8 9J°7	77'0	B2·7	-
	Farreedpore		P1-	Entrinopuro	AL GLA		1. (1.8)	9914	0.72, 15	70 0	THE ST	100	200	"	50.1	77'2	83/0	-m - []**
	Тиссь	411	441	Discours	201834	991650	4-433	HIS W	160	94.1	19th	77'2	Clat	19	8872	7013	9/8/81	+04
1	Commiliah	** 1	141	Commillah	51,032	20 April 19	+.015	6E	101-3	19014	Blet 16	71 B	ADIP	P4	85.4	76'0	68.5	4-11
Į.	Mymensingh	40.0	410	Mymensingh	770.8FP	-	+ '020	Calm	13617	90'8	800/31 **	76'1	19th	14	80.8	70.8	97.8	0
,	Bogre	144	141	Bogra	435°02	50.019	-	Band 8E	131'3	01/3	23rd 11	70'8	gord,		87.7	7711	83,4	_
1	Pulma		101	Semigunge	5b.82b	\$8.636	4 4774	В	117'8	180°3	10th = 6	74.7	sith	dune 0	₩8·₩	7610	89.3	0
	Rajahahye	411	ри-	Ramporo Beau-	291531	29*601	+,085	SE	51818	D2*8	18th, 19th June.	D' 98	stuch	10	80.6	27.8	8119	-0.3
PREMILE	Majorh	484	ьн	Maldah	型1450	_	-	SW. calm	41'2	01.8	19th ,,	7019	23rd	91	87'\$	761	6810	-
	Dinagopore	-11	441	Dinnerpore	29 506	201-025	+ '020	ESE,NR	1021	90.8	19ch. 20th	73.8	#Mad		8618	767	81'5	-17
N. C. C. C. C. C. C. C. C. C. C. C. C. C.	Bungpare	1014	111	Rangpore	201513	281.040	 '018	E	111.20	81.9	20th i	74.7	22nd	41	86.9	76'6	Bura	-17
2	Jaimgorne	10.0	41.)	4.5.	Alme words	AMA-WILLS	- 1-14	.,	D. suladi	TABLE O	, peak		eta ed	at the a				
ł	Cooch Bahar	10-1	., 5	Jalpigores	\$31,340	227-0036	'nU#	E	14897	88.0	204h , ,,	72 19	21.61,	Sand June.	64:0	741	78.5	31
ľ	Darjeeling Hill	Dist	ejeta	Darjeeling	22.892	_	-,609	E	41/4	6716	20th	8.85	Mant,	Same.	68.9	0.00	6916	-17
. [Purnemb	144	}	Purnenh	997510	291637	+1684	Calm	acra	9212	30th	76'6	2lai,		56'2	1 7671	61"£	-3.0
	North Bhagulp	CTO)	1							1	100		June.		10.8	47.5	
	Monuferpore	8-0-th	441	Moznijasbase							tupended.							
NOW	Durbhands	440.3	80+	Durbhungs	29'442	201-005	015	ESE	164'0	89-4	18th to Stat.	76'5	12nd	"	37:1	781	\$3.6	-\$4
1	Champaron			Mntihari	20 366	29.670	+ '058	BE	189'3	93°7	toth, buth &	71'8	Brite	- 02	9010	7610	98.0	-11
L	Burren	***		Chupra	29:800	W-020	+ 975	Calm North-	974 81778	9819*	20th to 22ad June. 19th	76'5	Sylvacti Signacti		Büld	78*1	83'6	-0.4
,	Shahahad	-11		intar	30.224	50.50A	4.1046	westurly.	122'6	9614	10ab	75'2	2333	41	87'6	78'5	43'1 89'7	-5.0
j			-	Arrah	20/1586	27.588	+ 1047	Variable	8010	B616	1946	76.6	27 int		87'0	70.4	83'6	,
	Gyn	401	115	Оув	29*218	991597	+ 007	North-	(12	14013	luch	746	Zuch	F1	MA.R	7912	84.0	-47
	Patno	Barr	816	Banlipore	991481	क्षा वर्ग	+ '430	Vesterly.	Th	\$99.0	19th	761	sand		86.7	79-2		-61
HOLL	South Bhagulp	ore)	River with	digarden.	QUI MP 4	A-100 E 44	November		G214			-					
3	Monghyr	ed t	5	Blunulpore	\$9-424	20'884	+1010	Variable.	73"7	94'6	19th	75'0	Bard	0.	87'8	77'4	8118	1 0
1	Southel Pergun	ODER JUD		Decoratia	20,050	-	-	Calm	617	9414	10th ,,	96'9	18th	84	90'0	2719	964	-
1	Hamiltonit.	+4**		Elszaribagh	27 '034	29.6[8	+1047	W	186	01.9	19th ,,	75'1	3100	40	8519	19.9	70%	-21
E S	Lotumbugge	40-4	*" {	Banchee	971504	191401	+.001	Wosterly	8719	8615	19th, 20th	69.0	30th		B-6 B	72-6	281	+0"
MAGPORE	Manhhoom	1.54)								and steb		7.754	11	0.0	10.0		
i,	Kingbhoom	444	411	Chyebama	28:847	- downer	*	SEW	56'7	D8:4	19th, grad	78'0	245h	- 11	54.8	1	9318	-
1)	4			Sibmear	20'048	20.007	4 '029	8W	58	95.1	20th	70'0	anth	11	80.8		6318	-
	Anguita	h.d.	**{	dilate.	29'598	20'007	+ '003	ENE, caim, Cuim	278 72	57 ±	noth	74'8		, Sath			1	+01
			-	SAMPHINE 141	AL DEC	- 6 AB	. 404	V-LINE	1.0	86.9	10th ,,	76'8	1 2140.	grad	00.9	767	63'6	40.

r the week ending Friday, the 24th June 1887.

		stoff							VATIONS,				_				
- 1	mount seek.	cerk at					B	ARPALL					i				
	cloud arr	of and		week.		e let of m	oath.		ce läth May	F 1887,	atmher days.	aber 50.	Reprometat	ive.	DISTRIC	T.	
mt 10 A.M.	Average clo	Rainfall of week observing stations.	Mean for district,	Nortesal meass.	Mean for district,	Normal mean.	Variation,	Mean for district,	Normal mean.	Variation,	twente number of exceptions.	Normal number of raing days.					
81	813	1.98		-	1	-			-			_	Gopalpore	m.7			1
240	7.0	0.05		Land		5:30			6'85			aro	Enlar Point	3	Poorso		614
7:	B*B	8*00		2.3b		6:21			N'17			3-3	Cutticek		Cuttack	ke e	
MI	100	1'80		3.10		0.03			80,814			3.3	Religion		Ralamure	114	
b7	8-9	6*70	3'70	0°B4	57F3	7'54	-1/91	8158	9.74	~1/h)	4:8	317	Saugor Island		South-West M	ներութ	000
NG	0.2	2.46	4114	171	6187	7:59	-0.71	10170	9164	+1'22	4'7	315	Midunpore		Month 34-Pergu Midnaporo		
		m. A.	0100	are o	5'99	A113	- Anna	0.00	1111E	200				- 1	24-Porgumento.		
79	8*7	2.04	2.48	2*60	0.44	4.19	-2.10	8 00	10'77	-5.04	3.7	9.3	Caloutta				411
75	8·S	1160	2'78	2*32	5181	7'30	1*59	13*30	0.488	+3.54	440	\$*4	Burdwan		Hooghly Burdwan	71	٠
77	81	2*40	0.14	2104	7:37	8.03	-D,%P	11 20	0.92	-€130	416	318	Ikiakoora		Bankaass		}
75	5*0	8781	H*60	2.01	621.6	8110	-1704	19798	D174	4.0112	810	4'(1		(Banthhan		*
					4.00								Ransegunge	₩{	West Hurdwan		***
AG	91	3-28	4.22	2.84	10.76 4.86	7:18	+3'84	1990	9186	+0.29	5.5	3.4	Негантроге	ы	Moorshedabad	+14	.,,
78	710	1.08	8.10	\$.50	4) (81)	18-819		13700	11.74	+1'96	#1°G	318	Krishnaghur	+4*		10	
1	8*7	2.78	2.24	2°84	8.54	\$11 mg	-2:16	10.04	19761	-3:76	614	418	Jesman	{		r.	U (or
H				7*40		24'60			29 '98			8.4	Chiffingonia	- (41	1
i0	H+6	9'71		4.[M]		17:05			21 '88			p-6	Destuzio	***	Chittagong Ell		1
8	7'9	2,79	5,83	4190	7°38	\$13.54	- 8'00	18124	20121	~10°07	518	8:3	Burrish		Ruckengunge .	Truc	II.
0	0.9	4*19		6,91		23.70	i		28°80			2003	Noakhilly	011	Negkhany		[
5	2.4	2198	2:15	2.04	B-61	10.20	-0.83	10.80	16103	-4.50	817	619	Particulation		Furrocalisana		h1.
ō	8-1	1147		8+5-1		11/35			15'50			340	Inten		Dacon		" i
0	6*7	4-53	1	4.02		14.69			10/81			51100	Congnullah		Tillbergh		**-
1	914	8,14		3.80		13'69			18:47			499	Mymotoringh	-1	Mymoretical		**
8	9*7	98.9	4196	S*98 .	1877	10.00	+#189	97-26	14'97	+ 10*181	0.0	4.5	0			77-4	m)
ď	8.8	8-29	4.80	\$169	18982	10-1816	+3'51	15'68	13:21	4 11 25	6:6	615	Bogen		Bagen Pulma	11.9	3
	613	6124	4136	2'14	9:11	7:82	+1129	1647	10.95	1.5152	870	5.5	Rampore Bea	ta Irusch	Rajahahaa		*
5	6.6	3 197	0'47	8167	1176	0.15	+ 2 WA	21.58	11:40	+32 842	4.9	4.3	Maidah		Malcheli		"
,	W 15	13-37	10'70	8150	17'40	10:77	+ 0.02	81.45	13/87	12:53	410	4.2	Time				"
15	ero I	9*16	9-19	6-58	17'80	1776	+0.04	40.08	24'13	4-10°E5	\$-5	413	Rungpote	H 1	H.D.D.D.D.D.D.		**
	0.0		13*71		4								agest the langer	r	Inthigases		
14	617	3'47	13 71	8.01	89-18	£4'36	+7.82	* 40'64	\$3.00	+- L376-L	0.0	5'6	Sulpigoreo	{	County Brat and		""
H	0.0	9139	R.42	5/*029	201-600	2271	-1'62	80.27	28*42	-+ 7°8ti .	5"5	513	Durjeoling		Darjorling Hill		1.0
13	7*8	8.27	6*42	8*49	1.9:400	8'88	+848	27'51	11.00	+10'49	4'B	\$10	Purnesh	{	Purnah	la j	
			4'01	#129 1	10*07	men.		9,0.00		+ 9:81				(North Blinguig	ono '	31.
KBI	7-9	8.76	5-1D	B404	9798	0.04 0.04	+6160	16.63	6.09	+ 0.14	410 618	2.8	Mozniferpore		Mozudarpore	r==	Ph4 .
16	8-8	0.74	6*54	2*12	0194	9.28	+4'80	12:15	0.69	+1.50	E.2	80	Mordanga	***	Chunton		411
80	7'1	2144	4:78	1188	e'32	4129	4-3109	10.70	0.12	+ 8166	47	P 1	Chapra	***	Harun	444	***
61	618	0:32											Debrio)		184	"
18	0.4	2110	1.69	1'47	5*23	9 19	4:0504	7'84	8:65	+5"84, 1	73.8	271	Humar	***	Simhabad	44.0	11.
6S 78	7-7	8147									i		Areth				Hi
	7·1 8·9	3 63	1.40	1'61	4/28	8.78	+0180	08'0	4.69	+4196	5.9	214	Gyn	.1-	Оув	100	10
	a B	1.85	5.99	1189	4:50	6.30	+0.99	12:00	6*1.7	+7/21	2.0	7.0	Bankapare	h de 4	1	ark .	77.
lá	B*);	ā*665	4760	Mr46	640	4:05	+1:65	19.00	6°aa	+ 7:76	610	3.1	Dingulpore	{	South Binguip Monghyr		144 100
88	ŏ"E	91611	8-17	2107	,3919	7:13	-1 96	145.08	8193	+8.01	5'1	8:0	Doomka	41.	Southal Pergat		
1	67	44.5		2148		6.49			274			81	Hamribagh	411	Hazaribagh .		
77	8.8	8190	2107	8-84	8119	8.70	-0.08	11/71	7105	#4166	679	4:0	Eartohee	}		40	
765	7.7	# 61GU	1.67	2145	5174	6'87	-0.407	19.11	Gara.	+ 0.03	AID.	4*8	Скусылию	(10/20 marks		"
ls	Sp	1°95		2 -0		0.87	-0-01	10 11	8140	70 02	0.9	4.9	Strength:)	Singultoom ,	-=-] }
H	9 9	8 86											Dhubris.	**1	Amen na .		lj
79 ⁴	971	320					}						Bilchar				

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 24th of June 1887.

						TAINPALT	11			Tor					
Metoprological division.	District.	Histion.	Sutartisy, 14th	Sunday, 1289 June.	Monday, 20th June,	Tuesday, Blat June,	Wednesday, 22nd Jine,	Pransky, the	Friday, 24th June,	Number of rains days.	Esinfall of week.	Total rain- fall error lat of month.	Average fotal rain- fall from lat of month.	Potal min- fell since 15th May 1687,	Atern Panel Iron My to the
Oriesa	Pooree	Proree a. Khardah	>= == +++ -> == +-	0.766	016	0.35	*707	1610	***, ***	1 B	P*65 2*54	2:76 4:87	6°87 6°28	4.25	41
		Fampur Unlee Point Cimp Papli		0°80 2°07 1°14	0°34	n'10		8010		a 1	5*6 <u>8</u> 5*07	3:20 3:10	6/33 4/68 9	24164 U189	(2) (1)
	Cuttack	Jagatsingpore Baski Curtnek Kenstrapara Jajace Dhermaatta Satipore	6.74 6.12 6.40	1.40 1.514 2.43 3.71 4.30	9780 178 1793 1795 0796	0:00 10:01	7702 2°31	1'14	0°34 4r76	7 3 2	7*44 6*41 8*06	8:69 5:63 6:07	410 7:64 8:23 6:66 6:66	14/86 m 15/25 11/70	tore
	Balanore	Chardrali Blackbrack South hidasore Jellasore Barqualah	0145 0360 1161 077	0738 0786 0753 1760 0784	0:37 0:32 0:29	-1	1.07	0°34 0°04 0°03	010	\$ \$	2*02 2*02 3*15	3:81 4:00 5:01	5.20 6.10 4.77 6.12 6.80 7.61	12-gr 11-%e 4-01 12-00	61 31 5 8
COUTH-WEST RENGAL.	Midnapote	Courni Scogor Island Tumbook Isrinapole Gratia Drasa Herea Rhappeanpore Garbeta	0°20 2°17 2°00 0°18 1°11 1°32 3°15 1°09 0°22	1:74 1:20 0:53 1:00 -6 0:70 1:53	0705 1725 0754 2721 0725 1724	0°58 0°48 0°17 0°19 0°45	0°80 0°68 0°00 0°00	0°94	*1 5 1 8 1 ** ** ** ** ** ** ** ** ** ** ** ** **	458664849	1.78 5.70 5.90 5.95 5.95 5.96 5.86 1.89 1.46	4:10 7:37 6:70 5:64 9:20 4:11 5:74 3:08 2:10	7 20 7 40 7 20 7 08 8 44	7 14 [8 3] 10 01 13 26 (1 6) 1 7 13	b i
	24-Pergunnalis	Diamond Har-	1:84 6:67	1755 0717	0°23 1 07	0.25 0.25		2120	U*28	4 6	3:05 5:54	5-74 7'83	7188	18 17 p 10 tax	la.
	,	Atipore stal s Barneskpore, Dun-Data Barnest Busecrist	0°11 1°13 1°13	0°82 0°82 0'82 1°25	9780 1784 9708 0780 0783	0:07 0:14 0:50	0.03	oro;	0.65	4 3 8 8 8	5:48 5:08 2:55 1:25 4:96	8.69 0.01 2.69 0.01	8°77 8°45 6°48 6°48 8°48	#145 #150 #154 #154 #155	101
1	Rowmh	Howndt Mohesteka (Ostoberiak.)	11142 2105	0.58	0.464	D-09	111p	414 11	#1914b	3	1195 2170	6119 5:0%	8791 7160	6.03	10
	Blooghly	Serampore Heachly Jehannbad	1'00	0117 2103	0169 0111 0176	"ogn		0.12	(ref)	8 4 3	1°96 8°61 1°18	60/n 11 84 1 82 0	8°80 6°80 7°60	#753 1371 1001	21" # 18
	Burdwan	Calus hordwan Calwa horesgunge Mankar	0°07 4°11 , 0°08 0°70	0°80 0°30 0°35 0°10 0°54	0°16 0°15 0°15	0.29 0.20 0.30	0.80 2.69	0°85 40.7 0°97 0°98	0°50 0°50 0°10	4 5 3 6 7	1790 1771 4787 3790 3798	\$158 9:75 11:80 0:27 4:00	7:22 6:43 8:58 0:87	10°35 93°31 - 11°56 - 4°54	(0) (c) (0) (c)
	Bankoom	Bunkacra Bushenpore Makara Schulten Lucius Kechipure Anda (-angajakriati Kenpore	0/12 1 15 1 21 6/34 0/18	0.10 0.30 0.30 0.30 0.32 3.01 0.66 1.37 0.08	2140 2140 0143 0143 0144 0140 0140	0.87	0.61	D 00 0'39 11 89 0'50 1'40 0 00 0 70	0°47	* 5 23 5 12 12 12 12 14 15 15	2.68 6.43 8.85 11.15 1.54 1.56 2.67 4.01 4.13	8-35 6444 5-14 13-34 5-14 5-73 8-10 3-85 5-57 6-86	7'51 6'40 7'10 7'10 7'10 7'10 7'10	8.77 Unsp 21.28 10.48 0.71 8.45 6.65 9.17 10.09 6.25	en kel
	Beerbhooin	Bh. Soory Hetuinpero Rampere Haut Bulpura	1102 0125	0744 6/31 2/88 4/35	0124 0 84 0100 0118	U'70 U'44	0.27 0.38 1.12	1 24 1 37 D'91	0.00	6 4 9 6	8-27 9-34 4-59 2-95	5:25 4:46 5:67 5:67	8:20 1:01 7:7-6	16'03 0'48 16'04 8'77	1-13 191 (F)
	Nudden	Ranoghat Rishmuchur Choombanan Mehisporo Resoulten	0176 0192 3107	0.45)	0°56 0°50 0°50 0°24 1°05	0.10	0'04	0°18 0°18 0°25	1198	(~ + 50 m H	2°88 2°32 1°42 3°44 1°25	5:78 7:79 6:32 5:97 6:94	8143 7108 6125 9165 9164	9'44 15'01 10'05 10'76 18'09	10 10 10 10 10 10 10 10 10 10 10 10 10 1
	Khooing	Nathhira	015 020	016	0185	0.90	1,40 0,15 0,15	8:00 0:20	6.70 0.70 0.30	7 6 2	8-07 8-08 4-18-8	78.10 D.02 8.01	10°08 11°44 10°74	8:97 11:33 13:87	131
	Inserve	Namil Justove Jimudah Migoorah Bohgang	0106 1128 2165	0°48 0°12 0°26	0:18 0:80 0:34	0.10 0.11 0.11 0.00	O'UA Trop I	0124 0184 3130 0117 0142	0°76 0°49 0 12 0°20 0°30	6 6 5 5	2'31 3'14 5'33 1'77 1'35	8-15-e 17-23 9-85 6-95 7-97	16'05 10'01 11'20 0'70 8'08	5144 31180 39137 7165 8190	69) 14 5 14 7 14 7 14 7
	Mexicalistical	Kandi Berhamporo Labagh Azamungu Jangporo Jangporo Labagh Akhramat Patagbari	0'23	0°66 0°67 0°06 1 00 0°81 0°40 0°80	0.02 0.18 0.61 0.07 2.20 4.74 1.73 0.14	1108 1110 1148 1125 8180 0108 0148	2751 0178 0748 0710 1780 0780	8.07 1.00 1.10 1.10	0.05 0.05 0.05 0.11	3 0 b 0 B 6 0 6	4'00 3 79 2 70 4 74 4'00 5 75 1 98	10°84 8°61 9°63 10°03 10°07 15°19 11°88 4°45	7:80 7:59 0:78 2:84 0:05 7:15	10'91 15'64 16'55 18'75 22'46 25'10 27'46 7'45	900 1964 1964 2971 1964 1
CART BENGAL	Ohittegong	Con's Basin Chittagrang Kutubida	0105	0.05 0.05	0140 0145	0°84 0°70	0°36 1°39	0°L7	4.14	7	8:08	17'56	25°PG 25°OS	16:14	36
	Chiltagong Hill Tracta.	Ranguinati	0°7± 0°06 0°60	0°17 0°24	0.29	1104 1144	0.99	0.80	0.38	6 7	3°01	18:50 11:48	18.13	1074	9.7 52 ¹
	Backermange	Patuakhally Permujura Burneal Bhula		1778 D'%1	0.40 0.54 0.84 0.84	0°40 '0°44 1°36 0°28	0°10 0°10	0:65 1:66 0:74 0:28	0143 0111 0104 010	4 6 0 8	1*73 4*84 8*87 1*68	8.12	19:96 12:31 13:30 19:05	10,442 10,413 10,413 31,403	231 15° 21°

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 24th of June 1887-contd.

					B.	a 120 Fails					PAT.	1			
genedenien)	District.	Station.	Saturday, 19th June.	Ronday, 19th June.	Nonday, 20th	Twesday, 23st June,	Wednesday,	Thursday, 2nd June,	Friday, 24th June,	Number of raint days.	Ramfall of week,	Total rains fall since lat of wording	Average Lated rates full from let of month.	Total cain- fall supper leth May 1897.	Average ratefall from 18th May to date,
er Rushat		Gournadát Baupkai	91111 F	0.70 10 03	- 0:88 0:63	(1:48 1:03	'erbeg.	0°57 0°56	0.58	B	8190	7:35	;	7,99	2 7
العالمية.	Nondebookly	Nonkholly Panty Harrishpore Rumpenj	\$45 **********************************	0.58	2:26 2:10 0:89 0:50	1144 0141 0180 4134	0'85 0'84 0'88 0'80	da:e					21-72 \$4 0,5 P		20 mg
1824	PMET-STROTE.	Madaripore Furredpore Goslundo	545 al 6 1 4 5 4 5 4 2 4 5 4 5 4	44. 15. 714-44	0'22	0.03	0°41 0°26 0°60	0.00	0.30 97.00 97.00	9	21/89 21/49 11/4 8	11:55 8:30 R'10	11'07 10'40 0'80	13.56 17.56 17.50	10 47 15 81 10 70
	Висов	Munchigunga Davis Davidunga Marickenian Joudebpura	0:15	0144 0112 0117 0107 0 50	0.45 0.45 0.83 0.28	0.11 0.11 0.18	1'95 0'32 0'14 0'34 6'07	0.80 0.80 0.80 0.83	0.09 0.91 0.07 2.68	6 6 7 7 7	1.12 8.50 9.50 9.04	7.34 7.74 6.46 23:10	18780 11787 11749 8748	8-98 9111 8781 14784	16:43 16:60 16:60
	Rill Tipperali Tipperali	Agartola Unmille Uhanthero Irennugheria Ramchandro-	hdi bb dibyid hai bb	0187 0180 0180 1128 0105	0.98 0.70 0.60 1.00 1.48	0°30 0°20 0°30 0°30 0°30	0°47 0°20 0°10	0°25 0°36 0°36	1'80 0'20	6	B'11 2'10	18'17 0'83	\$1:34 16:73 10:46 13:43	1517 6 7183	17:70 91:17 10:79 18:76
		Rosirnapur., Bandkandi Kusha Loksham	0+2 4P -	0'20	1-27 0'89 1-66	9:16 2:65 0:46	00'0	6°21 0'72	0'87 0'45 0'11	. 8	1189 5184 3188	8:18 13:00 4:75	9 7 7	#189 13/10 0/53	P
	Mewnodinah	Kishoregrice Aun (Tangail) Nymountish Jamelpore Netrokena Sub-reakhally Durgapore	0°45 2°50 1°34 0°60	0°18 1°47 0°00	1'61 0'58 0'58 1'45 0'21 2'30	2'21 U'67 O'30 O'70 1'09 2'40	0°95 1°04 0°46 1°69 1°27	0°96 0°72 (Fee 0'41 2'47 7'20	1'89 3'47 0'46 4'40	6 6	6:85 2:62 10:05 6:29 10:00	21 W 15 L4 W 16 W 17 H 18 17 H	10:45 10:35 54:84 11:89 14:91	21.49 21.49 24.19	28.45 34.10 21.00 15.00 28.65 2
ern Kumpal	Pubna	Pubna Berangungs	110	0.10	0.12 0.12	1.43	0185 0185	0.12	B179	6 7	10:19	6-00 20-84	7 0'87 00 N	7-20 Eireli	7 10 21 11 121
	Hogm o.	Sherpore Nowahilla Bogra Faurbbibi	0'08	0'97 0'14	0.40 0.80 0.62 1.01	0°51 0°58 1°30	0'87 0'47 0'79 0'10	9:50 9:80 0:89 8:65	1*t8 9*75	8 8 7	5:59 5:59 4:60 5:99	15'44 90'25 94'34 14'90	14786 14786 14786 1478	21103 25 91 3102 2600	76:90 18 56 18:18 13:18
	unjetakyo .	Beaulash Nations Naupaon Laipare Manda	929120 92120 930	0.58	0'43 0'78 0'61 0'74	0°74 0°89 0°70 0°84 0°62	1.84 1.50 1.05	1	0.10	6 6 6 6	5790 3169 5118 2120 6143	976 8:47 1934 3:33 14:10	7:00 8:05 9 9	15:08 trot 26:06 10:17 31:37	30'41 11 40 7
	Muldso	Maidah Chanchal Gigni Sibyani	1'80	0.02	0°39 1°74 1°10 1°19	2:45 4:35 2:10 1:90	0*41 9*91 3%0	1.68 1.60 0.12	0°07 0°20 0°20	5 4 7	3197 8187 9170 3186	1978 1978 14:40 9:06	9:10 #:15 P	83114 80130 2 60 16730	11'0g 15'91 1
4	Озвадорого	Bohadebpore Churamon Kangunge Dimagripore Balnorghat	0.08	0'96	1'80 2'87 2'63 2'89 3'43	6'8# 4'#4 6'01 D'64	8'76 8'7* 7'31 8'76	0°18 0°18 u'71	0'70 1'96 0'65	B 955	8.61 16:22 14:43 19:64 5:30	9/53 20:12 20:00 21:40 14:58	\$1.53 8.63 11.46 24.57 \$1.66	25 57 36'81 32'19 40'76 16'78	3 61 64 3 61 6 3 61 73 3 61 73 3 61 73
	Resport.	Hinwarrigungs (Gyabenda), Runapora Kurugram Hingelogen 1 Nolphamari),	0:40	0142	0°80 1°38 1°78 1°68	1:45 6:48 2:69 0:21	0-18 2-01 1-01 5-34	8:46 0:18 0:94 0:13	0°78 0°70	8 6 4 7	8.78 p.01 7.58 11.79	24.10 48.20 28.20	13111 1576 1939 2938	67,78 85,83 \$4,83	78. 70 78. 20 78. 20 78. 20
	dumpures	Juleigore	#18 7:68 5:05 0:80 1:71 0:82 4:79 8:81	019	1'61 1'60 1'60 1'80 1'15 2'41 1'64 5'00	1'80 4'94 2'47 8'84 4'80 5'01 2'67 8'55 5'88	0°18 3°57 1°60 2°76 8°80 3°80 1°86 1°86	0'40 0'80 6'05 1'98 0'34	0°31 '0°35 '0°17	6 6 6	4 67 19:59 16:69 14:73 11:09 12:01 15:40 (3:53 17:75	\$0.73 \$7.01 \$7.65 \$6.72 \$6.47 \$0.40 46.47 \$0.45 \$4.04	23791 F 187.08 187.08 187.08 187.08 187.08	27.70 45.73 45.35 47.41 32.32 56.32 46.35 46.35	**************************************
	Onriedteg Hill.	Buth Sillipuri Darjealing Kattmpone	0.41 0.49 0.48 0.48	######################################	1.48 1.19 2.00 1.30	1°13 8°84 8°84	1*86 8*81 8*84 9*61	0.45	0'28 0'07 0'61 0'11	6 6 6	6 08 9 07 0 84 6 73	#1*97 #9:78 15:06 15:61	24'08 21'28 18'60 18'72	62747 63734 85760 84794	47133 90136 92136 97136
Hen Bener	Fernance ,,	Kinsngunga, Arenreah Tullond Condesora Solar-mpers Mestatr Madapuri Madapuri	1 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	0'08	1.00 1.00 1.00 2.02 2.30 2.00 5.99	7'06 3'10 0'70 1'95 5'35 1'66 8'14	3:13 1:00 0:40 6:51 1:10 0:46	0'41	1'43 0'91 1'75 0'70 1'00	6 6 9 6	11 '99 6'34' 5'81 4'85 13'11 2'81 6'80 4 11	17:81 11:00 13:83 19:96 9:45 13:76 7:87 10:87	12°23 9-04 8-04 7-14 6-58 7-10	38784 13 95 3674 12 44 12 44 14 40 19 56 14 18	15:49 10:42 10:57 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	pore. Duchhumes	Protabgani Tajpore Harunings Habern	0.19	0142	0.98 0.98 0.98	1'40 1'40 1'55 1'65	0°36 0°36 0°71 1°88	0.13	0'91 0'41 0'57 0'18	5 5 5	7:51 3:76 4:29 4:23	10'00 8'76 10'45 9'18	810 8164 614 7	17'07 14'07 14 62 13'64	5 37 0 6£ 7 60
•	Mouderpore	Situmarhi Monuferpore Hajipore	015	905 741 am6	0190	1*05 2*85 2*81 3*86	0.10 0.10 0.00	0°19 0°39	1'65	4 0 4 7	5:00 5:00 4:34 3:14	13-73 10-39 6-97	1.70 8.90 6.13	16.41 14.09 14.02	7188 6 50 5196
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Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 24th of June 1887-concid.

					E	ATHWALI	i.			Ton	TAT				
Met dreiogical Distaton,	Dietriet,	Station.	Seturdey, 18th June	Antiany, 10th	Fonday, 20th	Tuesday, 21st June.	Wednesday,	Toursday, Sad	Friday, 24th	Number of rang days.	Kalufail of	Total rain- fall show lat of month.	Average total rain- fall from lat of month,	Total rain- fall aime lath May 1887.	Averse mintal from 151 May 10 date
NORTH BREAK -cunetuded.		Gopalgunge Sewan Chunrah	0.02	1-99 2:40 0:71	0:33 0:36 0:78	276 373 1'97	0:45 0:15 0:10	416544	0.58	5 4 8	5-35 6:11 2:65 2:14	. A18 7:49 5:38	4105 4185 3103	9°87 10'87 12'67	\$ 19 \$ 19 \$ 16
South BERAL	Shababas	Hunnes Hubsonh Masteram Arrah Mohania	10 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1:08	0°20 1°10 0°35	0.12 0.83 0.83	0.08	1 14 19 0 1 14 10 0 1 14 10 0 1 14 10 0	015	NII B	0°42 N 1 0°50 2°68	3 69 6-19 1-70 2-05 4-84	8131 1 9-77 2160 3194 1	10:84 4:89 2:46 18:18	5'11 2'2 2'3 4'6
	Э ув 10-	aurungabad diya Nowadah Johanabad Areed Handwagar Sherehaet Kafaut Pakri Berawaa	0.40	0100 0101 0101	0°13 9°84 1°67 2°96 0°80	1.83 0.88 0.75 0.75 0.70 0.12 1.80 0.40	heren	0 10 10 10 10 10 10 10 10 10 10 10 10 10	0.00	00 E-0 -00 -00 -00 -00 -00 -00 -00 -00 -	1'88 3'84 1'95 8'80 1'67 0'64 2'90 0'70	8'89 6'96 4'67 4'40 7'38 6 16 7'75 1'30 2'58	8 30 6 70 8 38 3 75 P	10°09: 10°00 7°40 10°10 10°01 12°02 0°03 6°73 4°26	610 6.5 617 617
	Pates	Patum Disapore Behar Karra Etakreim Milea	0.08	page and pag	1:46 2:87 1:73 6:35 1:95 2:80	0:32 2:20 1:47 0:46 0:70 0:64	0.09	0°08 0°70	0.08 0.38 0.10	8 9 9 4 5	1°88 4°77 2°86 1°08 3°76 4°04	5.03 5.42 4.57 5.40 3.30 6.85	4*03 4*28 6*04 5*50	1510 1518 9165 20130 25160 20147	6711 497 877 476
٧	Routh Hinesi-	Sogooneal w. Moneoyr Jamin Gogri Shaksawa	0.08	0.00 0.00 0.00 0.00	0.40 0.07 0.67 1.60 0.71 0.40 1.19	1105 1108 1106 1190 2170 5115 3160 4150	6:00 0:22 0:17 0:29 1:88 2:30	0°27 1°00 1°16 1°50 0°10	0°89 0°49 0°60 0°93 0°18	7 6 6 4 1 8	4'85 4'81 9'88 5'15 9'70 8'76 8'08	6:69 5:44 8:15 0:80 3:40 8:79 1:03	4.75 4.38 4.38 7 7 5.68 0.46	54.84 18.45 8.410 8.410 18.42 18.40 18.40	5 9 5 5 6 7 6 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6
	Southed Per-	Reproduction of the control of the c	0.21 0.18 9.05 9.49	0.34	0°04 1°25 0°08 6°09 0°14 1°00 1°13	1:88 6:55 0:25 0:79 2:14 0:24	1135 1181 0127 0128 0102 0 02 2100 0 50	0°01 0°17 0°10 0°89	0°60 0°28 0°00 0°40 0°88 0°02	4 3 6 4 4 8	4°95 3°96 8°41 8°62 4'91 2'08 4'85	6'20 4-78 6-11 5-10 7-10 5-50 7-70	610 6-00 9-01 6-94 5-97 7-51	26'44' surly . 17'91 . 15'06 . 12'50 @ 65'9 . 11'45 . d'v8	10 mm 6 31 mm 6 31 mm 7 mm 7 mm 7 mm 7 mm 7 mm 7 mm 7 m
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	h	Barrabhoom Shelde	17****	0*25	1.98	418188	0.52	0'91	+> 24 +>		2,82	\$.00	P 17	7'53	1

hirpineaston, - Indicates that the rain has fallen. If the return for any day can not been recovered, the corresponding applies left blank. If any of the course wanting, the corresponding spaces in the total causful columns are left blank.

CHECUTTA, the 28th June 1887.

SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE 24TH OF JUNE 1887.

Ar the close of the previous week the meteorological conditions which obtained over the province were not very far removed from the normal, except that on Friday, the 17th, a rather strong westerly element was present in the wind directions in Bengal, pointing prohably to a considerable extension of the Bombay branch of the monsoon current, and which had to a certain extent driven back the monsoon current blowing from the Bay of Bengal. On Saturday, the 18th, the westerly element in the wind directions was decreasing in force, and these winds were being driven back by a slight increase in the strength of the Bengal current. On this day, therefore, conditions were only fairly favourable for rainfall, and moderate rain was reported from the south-western and northern districts. On Sunday, the 19th, the 10 A.M. observations showed clearly that a very feeble whirl or barometric depression had formed over the Sanderbans, the centre of the whirl being apparently only a short distance to the south-east of Saugor Island. On this day the wind direction at the stations at the head of the Bay showed a distinct cyclonic circulation in connection with the feeble whirl, but the wind velocites were in all cases light. On Sunday rainfall was fairly general in South-West Bengal and Orissa, and in some cases decidedly heavy in connection with the small depression, but the indraught towards it to a certain extent stopped the progress of the mousoon current over Bengal, and tainfall was to a great extent absent in East and North Bengal and in Behar. On Monday, at 10 AM., the very feeble storm had moved in a north-westerly direction, and its centre was between Burdwan, Ranigunge and Bancoorah, and apparently approaching Ranigunge, and round the storm wind directions showed a very complete cyclonic circu-It had also intensified slightly on this day, and the depression was very distinctly perceptible, though the wind force in connection with it was small. The feeble storm, however, brought up a rather heavy burst of rainfall to the area affected by it, and by allowing the monsoon current to again advance over the land, rainfall extended to other parts of Bengal also, and on this day heavy rain was reported over a large part of the province. On Tuesday, the 21st, the storm had again advanced in a north-westerly direction, and its centre was in South Behar. It was on this day probably becoming more feeble, and it was then a decidedly shallow depression, the centre of which was between Gya and Bhagulpore. On Tuesday rainfall became lighter in South-West Bengal, Orissa and to a certain extent in East Bengal, but the area of heavy rainfall extended to the northern districts of the province, and on this day heavy rain fell in Behar and North Bengal. The feeble storm then commenced to break up, and in its disappearance again produced heavy rain over the whole of the northern districts of the province, and on Wednesday, the 22nd, the storm had scarcely any well defined existence at all. The very feeble storm having thus disappeared, conditions became nearly normal, and rainfall decreased in quantity and also in area.

The pressure changes which were taking place during the week were also important, and, with the exception of the area immediately affected by the depression above described, pressure has been rising almost steadily throughout the week over the remainder of the province. With the disappearance of the depression, therefore, on Friday, the 24th, pressure became largely above the normal over the whole province, the average excess in Bengal generally being greater than a tenth of an inch, while the excess in Assam was only equal to about half this amount. This extremely large excess pressure has naturally had the effect of stopping the flow of the monsoon current over Bengal, and thus conditions had become

favourable for a break in the rains at the end of the week.

Pressure—As above stated, has risen almost steadily throughout the week over the province, except over that part which was affected by the feeble storm. The mean pressure for the week is therefore above the normal at almost all stations. Taking only into consideration those stations from which averages have been obtained for a considerable humber of years, the average excess pressure for the week has been nearly 0.08". At Calenta, however, near which the centre of the feeble at m must have passed, pressure has been in defect by 0.007". The largest variations from the normal have been an excess of 0.052" at Cuttack and one of 0.047" at Hazaribagh. In the previous week the average pressure was rather considerably below the normal in all districts.

Femperature.—Owing to the heavy rainfall which has been received in Behar and North Bengal, temperature in these districts is rather largely below the normal; and the defect in North Behar equals 2-3°, in South Behar 2-1°, and in North Bengal 1-4°. In Chutia Nagpar also the mean temperature has been below the normal by 1-1°, and in Assam the defect is 0.7°. South-West Bengal and Orissa, on the other hand, have had a normal temperature, and in East Bengal the temperature has been 0.5° above the normal for the period. For the whole of Bengal, therefore, temperature has been about

1° in defeat of the normal for the week.

Rainfull—Has been in excess of the normal in all districts except East Bengal, where there has been a small decet. North Bengal has received an average fall of no less than 8.70 inches falling on an average of 5.1 days in the week. This amount is no less than 4.16 inches in excess of the normal, which is 4.54 inches, and this district has therefore

received a fall almost twice as large as usual. North Behar has received 5.50 inches, which is no less than 3.05 inches in excess of the normal for the week, and thus this district has received considerably more than twice the normal rainfall. South-West Bengal has received an average fall of 3.40 inches, the normal fall for the week being 2.55 inches, and the actual is thus distinctly larger than the normal. South Behar has received 2.80 inches against the normal 1.94 inches, Orissa an actual fall of 2.76 inches against 2.18 inches, and Chutia Nagpur a fall of 2.72 inches against the normal 2.38 inches; and thus each of these districts has received a fall considerably larger than the normal. East Bengal, on the other hand, has only received an average rainfall of 3.60 inches, the normal fall being 4.40 inches, and is thus distinctly, though not very largely, in defect.

distinctly, though not very largely, in defect.

In Assam rainfall has been general and frequent throughout the week, and at those stations from which reports are received, the following falls are recorded:— at Dhubri 5-56

inches, at Sibaagar 3.98 inches, and at Silchar 2.10 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week suding Friday, the 24th of June 1887:—

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			g week.	Seek.	A week	pop for	wask.	above or		lif we	H.	R	alny d	kyn,		tar of mth.	Nigo May	1967.
m m r. a.c. a.c.	cutar i d	43	Highest observed during	Lowest observed during	(H lighest of each day,	(If lawest of each day,	Of moun for each day,	Average mean of week below normal mean of	å recupts.	Northal average.	Faration.	Arerado zumber in	Sormal average tum-	Pariation.	Leganto.	Moresal average	Arerige.	Hormal arenge,
01164	wdr	430	99'4	74'6	89'9	700	84'3	-02	2.76	218	+0.29	8'7	3.3	+0%	4:20	8.89	10.82	7:40
South-West Beni	mol	*94	96'8	78'8	90'6	78-6	867	0	9:49	2.99	+0'85	4.9	359	+0'0	7'27	8180	11:35	10190
East Beneal	101	***	92-1	7019	67-2	77:3	8413	+9'8	3:00	6168	-0°88	80	0.0	-0	11.86	115'41	13-62	10.M
North Bengal	***		98.2	69*4	8817	75'9	81*5	-3%	874	4'54	+416	6.7	448	+0'6	19:90	16'06	82-14	19:16
Morta Behar	40-	1914	04-0	72:3	8811	77'1	68.6	-13	6.90	2145	+8106	416	9.1	+1/8	10'41	0.93	18:12	7:80
South Mahar	***	***	98%	73'9	88'8	78-0	58'4	-1.1	2199	2194	+0.88	4%	\$10	+1'3	4.08	6.80	12'47	6'00
Ohuma ha qpu r	-		91'5"	Q9-9*	67.44	75.8*	79:3"	-07.	871	Z+26	+0'86	2.8	8.0	+0*2	4:89	0.63	11 08	7.63
Asono	411		8548	74'8	87'0	76'8	B1.9	-07										

[.] Chysbanes not included.

METEDROLOGICAL OFFICE, BENGAL;

A. PEDLER.

The 28th June 1887.

Offg. Meteorological Reporter to the Gost. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office, Ohowringhes, from 19th to 25th June 1887.

						Тимена.	LTOKE.			Br	опомитку,		
	Можти.		Date.		Month,	Maginam.	Range	Ministern (m.	Noge was bulb,	'apour bension.	Der polat.	Humidity.	l'ain.
-	1887.					0			n	inches.	-	×	Inches
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_	Tb	ė az	treme	VEL	rature of	temper	ten days			9883 보라4 방향로	oki dae upi	0 83:2 15:6 93:2	

The total fall of rain from 19th to 25th June 1887 ... 2.29

The mean temperature and humidity are obtained by applying to the mean of the 10n, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METROROLOGICAL OFFICE, INDIA;

A. PEDLER,

Inch.

The 27/A June 1887.

For Offg. Meteorological Reporter to the Govt. of India.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION DEFINITION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICE FRANCE 1887-88.

Areas leased for Irrigation up to end of April 1887.

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			charge			up in the	and date	all crups.		Ti.	Pab;	Sugar. Bi	Bhadoi, we	Hot wentlyer,	Total.	folal.	Darring E	Up to the state of	Daring tr	l's to end of munish.
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	period of in	of year.		2					41,437						!	207 97	1 5			;
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~	Gyn	Patus	1	8	160	130	E	19,219	411.00	<u>F</u>					_[089	77	73	100 000	2.1
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The 2	The 28th June 1887	887.																O. W	14	HARRISON, BieutCol., R.E.,

O.W. I. Harrison, Bieul.-Col., R.E.,

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 18th June 1887, compared with the corresponding week of the previous year.

_			WERE EN	iding Saturi ita Jusa 1867	AX, THE	WENK BY	ding Saturi. to June 1656.	AY, THE
Nature of	CARGO.		Number of boats.	Weight of	Tollage.	Number of boxts.	Weight of	Tullage,
			No.	Mde.	Rs.	No.	Mds.	Re.
Rice and paddy		B w b	218	87,718	597	204	48,052	830
/ Jute	464		19	019,6	208	0 1	6,900	148
Firewood	0.04		311	56,175	850	86	35,950	618
Other articles	4	***	742	3,17,379	2,998	538	1,43,630	2,163
	Total		1,090	3,21,182	4,653	833	2,34,432	3,609

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 25th June 1887, compared with the corresponding week of the previous year.

	•		Wank n	oned Satus: Fra Junk 1687	DAT, THR	70 M. ESE 20	en Laux 1880	AY, THE
Navora	OF CARGO.	'	Number of boats.	Weight of cargo.	Tollago.	Number of boats.	Weight of ourgo.	Pollagn.
			No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy Jute Firewood Other articles	## 1 E0 4 = 104 d.0 (40 t	855 13 92 824	55,860 5,900 45,900 2,33,140	946 100 659 3,376	177 6 187 684	44,816 2,276 36,280 2,06,986	762 42 582 2,781
	Total		1,254	3,40,800	5,083	1,004	2,88,865	4.167

Nalhati State Railway.

Statement showing Increases and Decreases in tonnage of Staples carried over the Nathati State Railway during the month of May 1887, as compared with the same month of the previous year.

					18	580.	28	67.	1886,		1887.		
\$749LIE.					Up.	Down.	Up.	Bown,	Dotal.		Total.	Increase.	Decrease
					Tons.	Tons.	Tome.	Tons.	Tons,	T	Tons.	Tons.	Tons
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IVCotton piece-goods-	,	44	441	B4 i	D	111.91	7		6		7	*****	
T.—Jule—	ndle	10	114	400	57	14144	- 40	3	57		49	11.00	
2. —Gurany-bases alta	t ale	the	146	la es	844101		3R,	10'116	000	1	25	25	*******
VII.—Grains—		4.0		200		-	60			-	09		******
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8Others			141	0.00)	(41	10114	12	C	61	. 3	40
III.—Hides and skins— 1.—If ides of cattles	-												
a Drymid		d Br	+ 4+	*10	500100	64611.8	*****	25	terner		2	\$	111.14
CH.—Louther, manufacture 111.—Liquing.—	a .	1-1	***	+1+	4 52 144	h+h F4 F		494119	109.411		8	3	854 (9.1
1.—Bross or or	*		111	***	911110	11(1)	1	******	10114	-	1	1	*10411
HWitten	*	P4	6.84	**	****		1	181140			1	1 1	419491
SSpirita		-	1-0-10	P-4 P-	*****			117741			- 1	1	Habyes
1.—Copper, nawron	m-b-ti.			B1+	3 .	- 5	8		1	. e	В	3	
COthers		44	117	010		8{	ž	4	13	111	11	} B	177.15
XV,—Oth—			117	***	-	1			ľ	"		1)
1.—Rerosina	4		144	m 6-th	g to 10 f	48004	. 1	191401	husbille		. 1	2	91 14
8Others		4	9 4 4		475.81	211000	17	14+014	La. (19)		17	17	Ar 174 -
1.—Chea						1				1	7.	1 ,	
2.—Dried fruite and	49191		1 = 1		debrar	e centr	1	100-04		1	1	1	919111
XX Railway plant and ro	Itiren	eventer	rale	100 m	9	4	20		13		. 4/3	19	411144
CX1.—Balt		44	771	PEF	10	141.10	8.9		10		8.8	94	
KV1.—Gilmeda—		**	,,,,							1			01441
1. — Lanned	,			9.41)		7	114748)	10	1)	
2 Mustard and ra	po "	4	11-1	114	84	473	42	101 +>	61	13	48	2 0000	14
XIII.—Bilk, raw—			84.1	840)	,	4	36	14+1100	/	10	26	17	F
er Lautine						30	- 1	19	30		21	1	
XIV.—Bilk piece-goods—	44		P m-d	B-11-4							10-11.		PM leve
2.—Indian			11-1	114	0 pp 40 f		144514		bearge			4	
XVL—Bugar—					***		100					_	
1.—Denimed	4		411	q ph	7 8x	##101D	(41	1045-Hr	35	18	81	3 . 10	
2Undrained	4	41	P-9 *	D+1)		4	******	13	0	4	13	611114
XX.—Tolacco XXIII.—All other articles (d see	HAAL.	ner marketin	***	139	50	100	30	150	1	130	2	848
TELLIFORNIA OF SELECTION OF SEL	1031	- Uli	74.0.1		120	967	140	- 00	100		100		11
		en.	test		848	160	975	214	1,013		1,189	201	115

INGREAU	T.			Tons.
Gunny-bags and cloths	4 04	914	104	26
This increase is due to this being included into sundries last year Grains—Rice	F.			125
The increase in this staple is due to plentiful crops and larger	export from inte	emediate si	ations	W detail
Kondu and Hokharu.	a-jose at one tage			
Oils	444	4 7 4	\$ MH	37
This increme is due to this being included into aundries last year	E.			
Railway plant and rolling-stock This increase is due to more materials carried during the month	***	40.0	m =4	19
R-14		48.0		72
This increase is due to sudden demand in the market.	• •••	***	***	,-
Degraan.				
DROBBANE.				
Cool no see the see the see	***	199	107	63
This decrease is due to larger import during the last month.			Y20190	
Chispeds	* **1	+4*	414	24
Till Hockowse of Fight at both steinment un ette matrae.			41	

NAIMAN, the 24th June 1887.

R. G. MOOKERJER, Manager.

. 1

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Roturn of Traffic for week ended 18th June 1887, on 1,519 miles open.

	COACETH	g Trapp:	c.		E BROMAND	RAI	AND MINERAL	н	Other carning	JEN.	Total earnings.	Тваризс	Train-mili	is Row.
	Number of passengers.	Recai	pto,		Wought carried.		Beceipts.		(entimated)		TAME ANT VITABLE	Conching,	Merchan- dire.	Total.
		Ba.	d.	P	Mps.		Ra. A. P.	Ī	Ba. A.	p.	Re. A. P.			
foral ter to for the wook tir per a of railway for pa	E50,46E	3,6 8,180 103	6		29,41,397	0	8,86,520 12 d 419 u 7		18,078 14 12 4	8	9,93,389 0 B	05.7972	111,760}	177,467
For pa ous 23 wheke of balf-	5,989,185	86,39,116			8,37,03,950	10	1,88,58,180 o s	ı	4,87,915 8	4	8,29,32,531 7 7	1,832,2378	2,063,510	1,015,017
Total for 34 weeks	6,244,147	d8,67,80G		0	8,66,44,856	10	2,64,95,019 12 1	١.	4,00,594 6	7	2,58,39,020 8 4	1,017,088	9,775,570}	4,303,551
COMPARISON.														
Total for corresponding week iff previous year	204,233	\$,59,646	P	0	38, 04,870	0	6,92 ,350 g o		17,180 1	ß	8,46,370 12 0	840,00	111,107	170,90
THE WORK OF DESTROYADIN YORK	444 100	3.87	-	4	194*)1		301 8 0	1	11 8	ß	589 15 th	411000		157446
previous year	5,987,665k	00,96,700	19	4	6,81,92,800	\$0	1,68,81.724 1 0	1	8,16,699 1	B	2,88,94,256 15 7	1,610,058	2,879,577	4,404,03

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

Ruckia	TH FOR WHEK TH SOR WHEK	EXDIEC.		TO NOR WHEE STR JUNE 1887.			L RECEIPTS VE. 1888 TO DITE 1806.			L ANCRIPTA VR EL 1847 TO JUTH 1887.		Total increase	
hean miwgu wurk d.	Esceipta,	Por mile weeked.	Monn mileuge worked	Eccelpse.	Per mile worked	Menn milengo worked.	Total receipts.		Moon uniferso worked.	Total receipts.	Per mile worked	iu 1497.	in 1887,
1,515	Re. 6,48,877	Re. 680	1,619	Ra. 9,05,359	20s,	1/230	• Hs. 1,14,81.747	La. 7,579	1,819	926, 1. 1,11,1598	Rs. 7,517	Eles.	5,67,148

PATNA-GYA STATE BAILWAY.

Approximate Return of Traffic for week anded 18th June 1887, on 57 g miles open.

	Солония	в Талуу	d.	Murchandies a	TG.	Other earnings	Total	TRAPPIC	That in-mell	e bor.
1.19	Number of passengers.	Recei	pta.	Walcht	Beceipts.	(satimuted).	enraings.	Conditing,	Merchan- dise.	Total
4.		Ro.	A. F.	M 204. (L.	Mil. A. P.	Be. A. F.	Mer as ve			
Torattraine for the week	10.723 187 322,773	4,723 82 1.45,926	9 9	\$2,044 0 9\$5 80 12,49,806 80	8,645 E 6 60 2 10 79,802 4 2	80 8 8 8 8 4 1,804 0 8	8,795 18 0 145 4 6 1,64,900 4 0	1,659	21,510	1,000
Total for 54 weeks COMPARISON.	435,493	1,70,600	3 Q	24,02,802 30	B3,303 6 9	1,854 8 8	2,54,748 1 0	89,943	93,440	61,425
Total for corresponding week of previous year. For mile of railway correspond-	19,635)	. 4,150	р 6	79,197 0	8,402 8 8	61 13 6	9,794 9 8	3,787	721	11, 50%
the work of provious sear	R91.	107	8 5	1,263 10	09-15 6	0 11 6	171 3 9	487944	B45711	
Total to corresponding date of previous year	\$18,191	1,63,479	10 7	18.08,740 10	84,460 10 0	1,147 11 0	2,40,007 1 7	40,818	22,274	02,66

Approximate Statement of gruss requipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

Rate 15	Le hor Ankl	BRIGHE	Rucate	SPEED NAME OF	MULTIG 17.	TOTAL	RECEIPTS PRODUCT LINE TO THE AUTH 1886.	our last	TOTAL	BRORIETH \$80 BILL 1987 TO 181 JUNE 1887.	n inv	Total	Total
Mean milman worked	Resaipts.	Per mile worked.	Mean mileage worked.	Recatpus,	Per mile worsed.	Mean milicage worked.	Total receipts.	Per mile worked,	Moan miliage worked.	Total receipts.	Per mile worked.	increase in 1687.	decrived 1667
	lke,	Rq.		Re.	Ha.		že,	Ra		24.	No.	Ba,	
MF	9,798	17%	57/	8,198	148	67 <u>+</u>	3,18,697	2,023	07 <u>b</u>	1,46,999	1,000	papital	x,785

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 18th June 1897, on 12 miles open.

	Солопіка	TRAFFIC.		Минежант	LAPI	NE MI	a wi	tat	Otheron	erro (o	ngti.	Total sar	en les		TRAPPIO	TRAIT-MIL	20 20s.
	Number of passengers.	Receipts), '	Weight enried.		Roce	lpta	ı,	(delima	ted).	20142 882	THE I	i įticai ,	Coaching.	Moreham-	Total
		Ba. A	h- 35	Mps.	0.	Ra.	4.	Р.	Ra.	Α.	P	Ra.	Δ,	P.			
Total traffic for the week Or per mile of railway For previous 23 weeks of half-	3,189	538 44 1		7,838	10	251 15		9		10 14		778 61	0		9001	386	403
Acer and the state of Marie	72.545	12,198	6 0	4,48,135 5	ZU	12,630	1.	0	109	\$	8	E5,014	7	0	7.814	6,307	وه يشل
Total for 26 weeks	75,804	12,783 1	9 0	4,50,974	30	22,857	15	0	269	11	6	25,746	7	6	7.5931	4,39t	7.0
Comparison.					1			ĺ									1/20
fotal for corresponding week of previous year	8,450}	579	7 8	38,785	0	450	4		46	1.9	0	1,074	,	.8	800	1irā	493
the week of previous year	214-114	48 (6 7	461744		37	₿	4	13	11	8	80	8	7	111+1+	D D h d g fr	- 0404 8
breaions here	70,954}	19,120 ,1	. 10	7,61,803 1	10	14,630	6	0	1,077	7	9	28,038	15	7	8,49.4	8,956	12,176

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works
Department Circular No. XXI, Italiway, dated 23rd July 1888.

	n quan tree			THE POR WERE THE JUNE 188			L DECRIPTS PAG RIL 1886 to 10: JUNE 1886.			AL RECHIPTS FRO PAIL 1897 TO 18 JUNE 1897.	ZUE	Total	Total
Menn milware worked.	Receipts.	Per mile worked.	Moon milespo worksk.	Receipts.	Per inile worked.	Mann instances worked.	Total receipts.	eer mile worked.	Mean miletro worked,	Total receipts,	l'er nelle worked.	1907,	decruses 1867.
	Ba,	Ba,		Ra.	24.		Ha.	Re.		Ra.	Re.	,	Re.
12	1,074	90	10	77.0	04	319	14,790	1,316	19	12,085	1,082		2,811

SINDIA STATE RAILWAY.

Approximate Beturn of Traffic for week ended 18th June 1887, on 744 miles open.

	COAUHTM	o Thank	IC.		MURCHAN	DEG:	e and Med PPIC.	PERA	2	# Other ear	mi	in jiçili	Tot	a)		TRAPPIO	Pharp-mil	Ri Ruk,
	Number of processors.	Receip	Ilo.		Weight		Receip	rbw.		(osklana	Lec	i).	out.tz]	aga,		Coaching.	Merchan.	Total,
		Re.	<u>.</u>	r.	Mos.	ø.	Rs.	4. 1.	-	Ra.	ă.	₽.	Ra,	Δ,	P.			-
Total traffic for the week Or per mile of railway For previous 23 weeks of half-	B,645		0		850,49	10	3,834 51	8 6			8	7)	0,169 133			663	1,208}	1,874
FORT de on	140,011	1,07,860	12	0	\$8,78,796	n	2.02,305	# E	3	2,070	2	ŀ	2,12,844	23	2	17,086}	29,3154	45,151
a Total fur 24 wooks	146,684	1,15,161	5	0	\$4,0D,44H	10	1,00,100	0 0		9,778	2	0	1,92,073	14	8	17,700(\$0,824	47,020
Comparison.																		
ntal for curresponding week of provious year	4,959)	8,972	2	3	1,41,988	10	3,592	r# o	1	201	Ø	2	7,760	b	0	248	1,200	9,027
tng week of previous 39sF	141161	63	1	0	***		46	0 0	1	9.1	11	1	,1029	13	8	1 M 500	799**1	47*7**
Defajore Lees,	156,5606	4,90,385	ei	a	\$0,80,099	20	84,581	13 6	1	8,552	D	6	1,05,336	4	3	25,517	57,600	63,341

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

	n pob werk Pru June 188			TO FOR WHENE STR JUNE 186	XXD2NG 7.		RECEIPTS 780 FAIL 1886 TO 10 JUNE 1886,			I, RECEIPTS PROPERTY 1887 TO 18 JUNE 1887.	rn .	Total	Total
Mean mileum worked.	Receipte.	Per mile worked.	Menn mileuge worked.	Reoriptu.	Per tulla worked.	Menn milence worked,	Total receipts	Per mus worked,	Moun milento worked.	Total receipts.	Per mile worked,	increase is 1807.	decreamin 3681.
	Bs. 1	Ra,	1	lite.	Rs.		Re.	Ba.		Re.	lita,	Re,	No.
T42	7,708	384	744	2,370	1.28	745	84,610	1,157	746	1,40,007	2,848	14,181	*

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 18th June 1887, on 22; miles open.

1.5	COACHING	TRAFFIC.	M SECHANDIOS TRAI	AND MINERAL	Other samings	Wasan.	TRAPPIO	TRAIN-MIL	es kon.
1	Number of passengers.	Receipts.	Weight carried.	Receipts.	(ustimated).	Total	Coaching.	Morehan-	Total.
	1	Bs. A. P.	Mds. s.	Re. 4, P.	Ke. A. P.	Ra. A. P.			
per mile of railway	16,384	4,505 7 6 202 6 5	7,631 20	283 12 0 12 12 1	11 0 0 0 7 11	4,798 3 0 216 10 6	905	05	960
per mile of the sa weeks of bult-	471,308	1,24,699 2 0	1,04,644 80	0,788 7 0	170 15 0	1,31,606 8 0	21,704	1,094	12,708
Total for 26 weeks	487,752	1,20,201 9 0	2,02,206 10	7,020 3 0	181 15 0	1,30,406 11 0	92,607	1,169	23,768
al for diffresponding week previous year mile of railway correspond- se week of previous year al to corresponding date of perious year		4,801 9 1 219 13 7 1,81,276 7 4	4,777 10 2,44,970 10	198 5 0 8 14 7 8,642 10 0	6 10 S 6 6 9 172 10 B	5,096 8 4 229 0 11 1,40,001 11 0	\$81 24,140	2,608	1,612

proximate Statement of gross reveipts of the Turkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Bailway, dated 23rd July 1883.

107	FOR WESE 1	SNDING		TE POR WEEK			LERCEIPTS FREE 1890 TO 19 JUNE 1888.			T. EXCRIPTS PRO PMI 1587 TO 181 JUNE 1887,		"Total	Fotal
infi mge ksd.	Receipm.	Per mile worked.	Mean mileage worked.	Boosipts.		Menn mileage worked.	Total receipts,	Par mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	1667.	decrease is
	Ba.	Rs.	0	Ra	Ra.		Ra.	Rs.		Ra,	Es.	Ea.	Re.
13	6.007	220	998	4,708	216	221	67,794	3,047	221	05,846	2,959	20000	1,948

INDIAN MIDLAND BAILWAY.

Approximate Return of Traffic for week ended 18th June 1887, on 42 miles open.

F 17	COACHTRO	TRAFFIC.	MERCHANDISE A	NE MINNEAL	Other earnings	With Language and	TRAFFIC	TRAIR-MIL	BE RUK.
	Number of passengurs	Receipts.	Weight carried.	Robelpte.	(estimated).	Total carnings.	Cosoling.	Merchan- dine.	Total.
		Rs. 4. 9.	Man. a.	Be. A. P.	Ra A. P.	Ra. A. P.			1
for the week	2,637	1,907 10 8 28 10 0	17,089-10	1,110 5 0 20 7 0	27 0 0 0 10 6	9,340 15 S 55 11 10	200	979	588
wrough 23 weeks of half-	64,881	20,844 2 8	11,47,588 80	71,418 8 0	718 7 8	1,01,926 15 9	6,350	13,688	18,018
Total for 24 weeks	67,888	31,047 12 0	11,64,778 0	72,428 11 0	740 7 3	1,04,316 15 0	4,580	14,017	18,806
COMPARISON.	- 1		1	27-6		9 -			
ter corresponding week	2,526	1,126 9 9	5,183 0	412 6 0	14 10 0	3,65F 0 D	435	153	584
red, of previous veer	Trent .	20 15 2	new .	9 13 9	0 5 7	36 18 8	161532	Assets	App. sam
to corresponding date of	37,0234	12,378 6 6	1,66,600 0	18,800 10 8	240 9 8	10,423 8 10	3,778	2,943	6,720

oximate Statement of grad receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

APT 19	s por where ra June 1986	BNDIEG	Ruoni	PTA BOE WEEK STU JUNE 1897	BRIGHE		AL RECRIPTS 1 BIL 1886 TO 192 1686.			TAL ESCRIPTS E APRIL 1887 TO JUNE 1897.			Total decrease
10 2	Receipts.	Per mile worked.	Mean militaire worked.	Receipts.		Mean miletre worken.	Total receipts.	Per mile worked.	Mean mileuge worked.	Total recaipts.	Per mile worked.	in 1887.	in 1887.
	Ra.	Ra. 87	u	Rs. 2,341	Rs.	42	Ra. 26,423	Ba.	48	Re. 47,736	Rs 1,137	Ra. 21,316	601+48

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D. AND ASSAM-BRHAR SECTIONS.)

Approximate Return of Traffic for week ending 11th June 1887, on 645 miles open,

Y	DOACHIN	S TRAPPIC		MERCHAND	RA:	AAD WIR	EQ.	AL	Other car		Total car			o Train-Mil	Es Roy,
	Number of passengers.	Conchi		Weight carried.	4	Racei	pta,		including boat		20161 667	o stre	Coaching.	Merchas- dise.	Total
		Ra.	A. F.	Mps.	B.	Ra.	An	P.	Ra.	A. D.	Ea,	A. E			
Petal traffic for the week or per mile of railway	114,908 178	53,460 88	0 0	4,53,500 703	0	02,800 97	0	0	11,070 (&) 1		1,27,320	0 0		16,850	88,2
POR AN AN AN AN	2,099,447	14,05,337	0 0	1,10,80,485	0	10.08,246	0	0	2,84,008	.0 .0	83,56,651	0 (484,886	481,638	855,0
Total for 25 weeks	8,114,440	14,55,797	0 0.	1,91,46,985	0	17,51,046	0	0	2,66,038	0 0	34,91,881	0 (484,005	437,198	110
Comparison.															
otal for corresponding week of provious year or mile of railway correspond-	136,600	(0)03,647	0.0	8,06,400	0	60,394	0	0	10,183	0 0	1,88,834	0 0	17.612	18,100	28,4
ing period of previous year	220	105	0 0	004	0	90	0	0	dan in		101	0 1		Mixix	
previous year	2,009,070	18,51,517	0 0	1,85,08,054	0	17,40,111	9	b	8,05,880	0.0	34,03,314	0	460,664	453,960	888,

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

	m for warr			TS FOR WERE E JUNE 1887		1st A	AL RECEIPTS B FRIL 1685 TO ING ISTH JUNE	WERE	LET APR	AL ENCRIPTS F 1L 1887 TO WHER ITH JUNE 1887.	SPRING	Total increase	Total decrees
Moun mileage worked.	Receipts.		Mean miluage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total raccipts.	Per wile worked.	Mean mileage workpd.	Total receipts.	Per mile worked.	in 1997.	in 1887.
	Ra. 1,35,694	254	648	Ra.	Ra.,	806	Re.	Ba.	845	Ma. 14,03,188	Rs.		No. 32,478

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 18th June 1867, on 125 miles open.

	Оолошин	TRAPPIC.	Миксианы		AND MIN	ERA	I	Other earnies	100	Tota			Тианию	TRAIN-MIL	
	Number of passengers.	Concluing Prooupts.	Weights carried.	- 8	Reseip	tn.	1	(estimated).		carain			Conohing.	Merchan- diss.	Total.
3.1		Br. a. r.	Мры	B.	24.	4.3	P.	No. 4. 7.		Be.	4.	P.	1900		-
Total traffic for the week Or per mile of railway	34,000 192	8,500 n g	84,096 483		8,000 26	0	0	50 0 0	1	11,550 02	9	0	3,788	1,434	6,510
For previous 23 weeks of hatf-	603,471	8,05,882 0 0	0,51,484	0	60,888	0	0	7,00% O 0)	2,67,850	0	01	87,038	28,191	121,113
Total for 24 weeks	617,671	W,14,385 B D	20,05,484	0	63,882	D	10	3,161 0 0	0	2.79,405	4	0	91,708	84,015	126,333
COMPARISOR.	7-1	70.00	Tenta		2727			THE STORY	1	11.	VI		MIN ARE		
Total for corresponding week of previous year	86,709*	19,839 0 0	16,766	0	1,851			19 0 0	0	16,909	4	0	8,998	1,314	5,310
Per mile of callway, corresponding period of previous years.	278	103 0 0	180	0	n	0	0	E Comment	1	114	0	*	## EFE		BASS:
Total to corresponding date of	619,881	2,21,638 0 0	8,60,556	6-	51,407	0	0	710 0 €	0	2.73,509	0	0	94,391	82,400	196,816

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bongal Central Railway.

	mpre pou vi d lyin Junn			re you wenn : sru June 1467.		APRIL	L RECEIPTS FRO 18-6 TO WHAR I DES JUNE 1880.	IDIRG	APRIL	L RECRIPTS FRO 1887 TO WREE I THE JUNE 1887		Total	Total
Mean mileage morked.	Beceluto.	Per mile worked.	Mean milengo worked,	Boociptu.		Moan milosco worked,	Total receipts.	Per mile worsed.	Mean mileage worked.	Total receipts.	Per mile worked.	increase us	1007.
	Rel	Re.		Ré.	Ra.		Re.	Ste.		No.	Ma.	Ma. ^{fg}	
205	14,809	13+	155	21,650	92	125	1,35,906	08	116	1,86,404	90	1,286	1

Audited up to 31st March 1887.
(a) Increase due to Passchors bathing festival.
(b) Susum-bost carrings 8s. 10,370 have been explaited from the calculation.

Note—Decca and Assam-Behar Sections are also published separately.

DACCA STATE BAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 86 miles open.

	COACHING	ТВАРРІС		MERCHAND	EAF	ND MIST	KA1.	Other	enri	ingy	Ph. A. Land			TRAFFIC	TRAIN-MILE	REUN.
- 1-15	Number of passengers.	Coachie		Weight carried.	1	Receipt	N,	(cut)			Total ear	11123	RP.	Couching.	Marchen-	Polai
		Re,	A. P.	Mus.	N.	Rw.	А, Г.	1	SL.	A. P	Ru,	À.	P.			
per nule of railway	11,000 138	3,600 44	0 0	0,510 64			0 0		a0 1	0 1	4,300	0 0		9,100	361/1 Above	2,900
and the colors	263,740	494,09%	0 0	3,39,341	41	27,771	0 0	3,	ald	0 (1,25,671	0.	0.9	45,806	23,092	THE PERSON
Total for 23 weeks	211,4143	98,780	# 11	0,44,851	0	\$8,221	n o	1,	266	0 0	1.80. 71	D	0	li), 166	21,800	75,000
COMPARISON.	4							1								
of providing year	9.351	3,106	0 4	9,508	0	450	0 0		70	0 6	3,935	0	-tı	ยกล	305	1.80
the period of previous year total to corresponding date of	100	86	11 = ()	41	Ů	5	0 0	1	izer		41	0	0	187 840	MACC	11.00
PURATORIS PART	221,619	64.681	0 0	3,28,761	0	20,273	1) ()	ā,	17.1	0 (06,009	0	0	18,670	84, 223	BC, kir

^{*} A withed up to Sigt March 1887.

FINANCIAL YEAR.

Approximate Statement of gross rescipts of the Ducea State Railway.

BRCEIF	rs pon wher eth June 188	ending		S FOR WEER		APRIL	L SECRIPTO VELL 1884 TO WELL 270 JONE 1886	BNDING.	APRIL	RECEIPTS FRO 1887 TO WEEK TH JUNE 1887	ENDING	Total	Total
Mean milesga worked,	Receiph,	Par iniii worked,	Meun miloszo worked.	Resolute.	16r mile worked	Mesor turlenge workert	Fotul receipts	Pop mise worked.	Mean mileage worked.	Total receipts.	tve mits worked,	1687.	deeperse (
80	Rs. 8,635	Ra.	96	Rs.	Rs.	86	Rs. 48,706	Rs.	se	Ha.,	180. 84	Rs. 3,029	Rs.

ASSAM-BEHAR STATE BAILWAY.

PURNEAU SECTION.

sporosumuse Recurn of Traffic for week ended 11th June 1887, on 39 mues open.

	COACHING	TRAFFI	C.		MERCHANIS		AND MIN	RR.	AL	Otheren	CELL	THEN	Total par	nin	OF B	TRAFFIC	TRAIN-MILE	B RON.
	Number of passetmers.	Conclu			Walklistoarr	ied.	Ateceir	i S.P.		(estima)			1000100	71141		Conchine,	Morchan-	Total.
		Re.	A. P		Mds.	6.	Rs.	4.	p.	Rs.	4.	r.	Re.	А.	P.			
previous 9 weeks of half-	2,407 62	930 22	0 1		38,00m 464		1,950 50			20 1	0	0	2,830 73	0	0	470	dus :	1,075
provious 9 weaks of half-	23,589	8,161	0	0	2,10,791	D	21,275	0	0	140	0	1)	20,576	0	0	4,864	5,048	10,610
Tutal for 10 weeks	25,996	9,021	0	0	2,34,791	0	25,235	ij.	0	160	0	[3	32,406	0	0	4,834	0,254	11,088
Comparison,				-			1											
fotal for carresponding week of previous year for mile of railway correspond-	nettene	*****			*****		y-1,15			.46434			34313	-		ethys.	516181	Descr
ing period of previous your lotal to corresponding date of storious year	14491	1914		-	69.449		e sie			3911			CAM			(113°C) 1	172451	P 20041

FINANCIAL YEAR.

Approximate Statement of pross receipts of the Assam-Behar State Railway.

RECUIPT 1	S FOR WHER THE JUKE 188	ENDING J.	Висиге	TO JUNE 18		APRIL	L RHORIFTS PRO 1855 TO WELH H 1873 JUNE 1890	DEIGE	APRIL	L RECKIPTS FRO 1887 TO WEEK 1 1TH JENE 1687	ENDING	Total	Total decrease is
dean nileage rorked.	Receipta.	Per mile worked.	Mean mileage worked.	Receipts,	Per mile worked.	Mean militage worked.	Total receipts.	Par mile worked.	Monta milenge worked.	Total receipts.	Per mile worked.	1847.	1857.
rmss		*****	89	Sta. 2,830	Ra., 78		III. posake	vénekl	39	Re. 88,406	Ba. 85	Ra. 32,406	klásor

NALHATI STATE RAILWAY.

Approximate Beturn of Traffic for the week ending 18th June 1887, on 277 miles open.

	COADHIN	o In anni	C.	REBOKAN	TRA	AND MINI PPIC.	RHAL	Other e		Total car	nines	TRAPPIC	PRIN-MILS	Es-
in her	Number of passengers.	Conch		Weight		Beccip	till.	(6%C) (2)	mted),	2000) 1416	secondon.	Coaching.	Merchan.	-
		Ra.	A. 9	Mn	8. 8.	Rs.	A. P.	R	H. A. P	Re.	A. P.		4	
rias testir for the wook r per miss of railway or specious 23 weeks of half-	9,8094 90	9 30	8 8 15 0	26	0 0	524 19	4 1		6 4 0 0 9 0			549	28-4	
Your for 24 weeks	72,907	26,440	-	2,80,58	_		_	57				11,779	7,4741	-
COMPARISON,			-					4						-
ext for corresponding week of provious teat t mile of reliway correspond-	4,881}		16 B			1	5 10		6 0 0		-	563	130	-
nations year we will the description of the common problem of	05,447	28,712		1,02,80		14,631	8 4		15 0		6 0	18,084	0.551	

There was an unusual increase of passenger traffic during the corresponding weel of the previous year on second of ketaing meta. Hence the present decrea

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nathati State Railway.

	PTA FOR WEN DIM JUNE 18			TH POR WERE			LI ESCRIPTS PR LPHIL 1886 TO JUNE 1886.			PRIL 1887 TO 18 JUNE 1887.		Total	"i'rite
Mean mittage worked,	Receipts	Per mile worked.	Mean mileson worked.	Beccipta.	Per mile worked.	Moun mileage worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	los7.	decreva-
27)	Rs. 2,401	Rs. 91	27 ‡	Rs. 1.515	Rs. 66	27‡	Rs. 21,393	Ra. 788	274	Re. 21,201	12a.	Pat.,	162

1

D.	ARJEEL	ING-HIMA	LAYAN	RAILW	AY COM.	PANY, L	MITED.	Rs.
Approximate, on Corresponding v	mings for veck last;	week endin	g 11th Jus	ie 1887	***	***	190	9,057 9,828
Docrease		***	10	***	- 100	***	*	771
Receipts from 1s From 1st Januar	st January ry to 12th	to 11th June 1886	ne 1887	***	***	***		1,81,057 2,09,388
Decrease	1 9 6	***	***	414	Age	and a		28,281
Miles open, wool Corresponding w	k ending l	11th June 18	387	***	***			Miles. 51 50\$
Increase	ws.		00	my	1	100	- He	1
Receipts per mil Corresponding w	e open, we	sek ending l	ith June	1887	0	Fin.	691 611	Re A. F. 177 9 5 193 10 6
Decrease		re -			345	Cate .	- 111	16 1 1
							C.	

CHIEF OFFICE, DARFEBLING, the 18th June 1887.

W. STEVENSON, Acting Manager, D. H. Ry.

No	A pproximate en Corresponding			18th Jun	1887	- Vines 244		Ra. 9,034 9,026
Fra	Increase	141	1.05	g 100 * 1	794	****	***	8
31.	Receipts from I	ist January to ary to 19th Ju	18th Jun no 1866	e 1887	***	219	219	1,90,691 2,18,964
	Degrease	***	100		Tree A	100	5. 140	27,878
	Miles open wes	k ending 18th week last year	June 188	7	101	101	(4) 10)	Miles. 51 50‡
	Increase	166	166	100	244	100	10	t
4	Receipts per mile Corresponding w	open week o	nding 18tl	June 186	7	919-	190	Rs. 4. F. 177 2 9 177 18 160
	Decresse		19 July		E ENGLY	-	101	0 11 6

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